

Jet algorithms in electron-positron annihilation: Perturbative higher order predictions

Stefan Weinzierl

*Institut für Physik, Universität Mainz,
D - 55099 Mainz, Germany*

Abstract

This article gives results on several jet algorithms in electron-positron annihilation: Considered are the exclusive sequential recombination algorithms Durham, Geneva, Jade-E0 and Cambridge, which are typically used in electron-positron annihilation. In addition also inclusive jet algorithms are studied. Results are provided for the inclusive sequential recombination algorithms Durham, Aachen and anti- k_t , as well as the infrared-safe cone algorithm SISCone. The results are obtained in perturbative QCD and are N³LO for the two-jet rates, NNLO for the three-jet rates, NLO for the four-jet rates and LO for the five-jet rates.

1 Introduction

Hadronic jets occur in all current high-energy collider experiments. They can be used to extract fundamental quantities like the strong coupling with high precision, as it is done in three-jet events in electron-positron annihilation. Furthermore they often occur in signatures for searches of new physics, typical examples are signatures consisting of jets plus missing transverse momentum for new particle searches at the LHC. A detailed understanding of jet physics is essential in both cases.

Loosely speaking, a hadronic jet consists of several detected particles in the event, all of them roughly moving in the same direction. For quantitative studies this intuitive picture has to be made more precise. This is done by a jet algorithm, which groups the observed particles in the event into jets. There are several jet algorithms on the market, and as a consequence what is finally called a jet depends on the chosen jet algorithm. For a better understanding of jet physics it is essential to compare and test the various jet algorithms.

The theoretical description of jet cross sections in high energy collider experiments can be done in perturbation theory due to the smallness of the strong coupling. Recently, the next-to-next-to-leading order (NNLO) predictions for three-jet events in electron-positron annihilation have become available [1–7]. It is therefore natural to compare the predictions for different jet algorithms. In this paper I consider eight different jet algorithms, which can be grouped into two sets of four algorithms each. In the first group there are four jet algorithms traditionally used in electron-positron annihilation. These are the algorithms Durham, Geneva, Jade-E0 and Cambridge. The second class of jet algorithms considered in this paper are inclusive jet algorithms. Inclusive jet algorithms have their origins in hadron collisions, but can also be considered in electron-positron annihilation. The jet algorithms belonging to this second class are: the inclusive Durham algorithm, the Aachen algorithm, the anti- k_t algorithm and the SISCone algorithm.

The motivation for this paper is twofold: First of all three-jet events in electron-positron annihilation can be used to extract the value of the strong coupling [8–15]. Here one uses the exclusive jet algorithms from the first group, and – within this group – in particular the Durham algorithm. Although first NNLO results for the exclusive jet rates have already appeared in [3, 5, 6], a careful analysis would need a finer binning and better statistics within the Monte Carlo integration. Motivated by this request from the experimentalists I therefore provide in this article the exclusive jet rates with a fine binning in the jet resolution parameter and a small Monte Carlo integration error.

Let us now turn to the second motivation. The last years have seen the invention of several new jet algorithms to be used in hadron-hadron collisions, like the anti- k_t -algorithm or the SISCone algorithm. These algorithms are infrared safe and therefore observables based on these jet algorithms can be calculated within perturbation theory. Although these new algorithms have been invented for hadron-hadron collisions, they can equally well be formulated for electron-positron annihilation. We can therefore study the properties of these new algorithms in the clean environment of electron-positron annihilation. This may provide valuable information for the behaviour of these algorithms in a hadron-hadron environment. As a first step in this direction I provide therefore in this article the perturbative predictions for four inclusive jet algorithms (inclusive Durham, Aachen, anti- k_t and SISCone).

All results in this paper have been obtained with the numerical Monte Carlo program *Mercurio2* [5, 16, 17]. This program gives the five-jet rate at leading order (LO), the four-jet rate at next-to-leading order (NLO) and the three-jet rate at NNLO. In addition, the two-jet rate can be deducted at $N^3\text{LO}$ from the knowledge of the total hadronic cross section at order α_s^3 and the numbers above. The numerical Monte Carlo program relies heavily on research carried out in the past years related to differential NNLO calculations: Integration techniques for two-loop amplitudes [18–25], the calculation of the relevant tree-, one- and two-loop-amplitudes [26–40], routines for the numerical evaluation of polylogarithms [41–43], methods to handle infrared singularities [44–67] and experience from the NNLO calculations of $e^+e^- \rightarrow 2$ jets and other processes [54, 68–86].

This article reports the pure QCD perturbative results for the jet rates. Not included are soft-gluon resummations nor power corrections. Perturbative electro-weak corrections to three-jet observables have been reported recently in [87–89].

This paper is organised as follows: In the next section the set of jet algorithms studied in this paper is described in detail. In section 3 the perturbative expansion of the jet rates is reviewed. The numerical results for the jet rates are given in section 4. Finally, section 5 contains the conclusions.

2 Jet algorithms

A jet algorithm is a procedure for grouping particles into jets. A jet algorithm may depend on one or more parameters. Usually these parameters define how “large” a jet should be. For a meaningful comparison between experiment and theory a jet algorithm has to be infrared-safe. We may divide the jet algorithms into two categories: First there are the “exclusive jet algorithms”, where each particle in an event is assigned uniquely to one jet. The exclusive jet algorithms are predominately used in electron-positron annihilation. The second class consists of the “inclusive jet algorithms”, where each particle is either assigned uniquely to one jet or to no jet at all. The inclusive jet algorithms are mainly used in hadron-hadron collisions. It should be mentioned that there are also jet algorithms, which allow the possibility that a particle is assigned to more than one jet. Usually one adds then a split-merge procedure, which brings us back to the cases listed above.

Let me start with the specifications for exclusive the jet algorithms. The exclusive jet algorithms are mainly sequential recombination algorithms and are specified by a clustering procedure. The clustering procedure usually depends on a resolution variable and a recombination prescription. In the simplest case the clustering procedure is defined through the following steps:

1. Define a resolution parameter y_{cut}
2. For every pair (p_k, p_l) of final-state particles compute the corresponding resolution variable y_{kl} .
3. If y_{ij} is the smallest value of y_{kl} computed above and $y_{ij} < y_{cut}$ then combine (p_i, p_j) into a single jet (‘pseudo-particle’) with momentum p_{ij} according to a recombination prescription.

4. Repeat until all pairs of objects (particles and/or pseudo-particles) have $y_{kl} > y_{cut}$.

The various jet algorithms differ in the precise definition of the resolution measure and the recombination prescription. The various recombination prescriptions are:

1. E-scheme:

$$E_{ij} = E_i + E_j, \quad \vec{p}_{ij} = \vec{p}_i + \vec{p}_j. \quad (1)$$

The E-scheme conserves energy and momentum, but for massless particles i and j the recombined four-momentum is not massless.

2. E0-scheme:

$$E_{ij} = E_i + E_j, \quad \vec{p}_{ij} = \frac{E_i + E_j}{|\vec{p}_i + \vec{p}_j|} (\vec{p}_i + \vec{p}_j). \quad (2)$$

The E0-scheme conserves energy, but not momentum. For massless particles i and j the recombined four-momentum is again massless.

3. P-scheme:

$$E_{ij} = \frac{|\vec{p}_i + \vec{p}_j|}{E_i + E_j} (E_i + E_j) = |\vec{p}_i + \vec{p}_j|, \quad \vec{p}_{ij} = \vec{p}_i + \vec{p}_j. \quad (3)$$

The P-scheme conserves momentum, but not energy. For massless particles i and j the recombined four-momentum is again massless, as in the E0-scheme.

For the Durham [90], Geneva [91] and Jade-E0 [92] jet algorithms the resolution variables and the recombination prescriptions are defined as follows:

Durham:	$y_{ij} = \frac{2 \min(E_i^2, E_j^2) (1 - \cos \theta_{ij})}{Q^2},$	E-scheme,
Geneva:	$y_{ij} = \frac{8}{9} \cdot \frac{2E_i E_j (1 - \cos \theta_{ij})}{(E_i + E_j)^2},$	E-scheme,
Jade-E0:	$y_{ij} = \frac{2E_i E_j (1 - \cos \theta_{ij})}{Q^2},$	E0-scheme, (4)

where E_i and E_j are the energies of particles i and j , and θ_{ij} is the angle between \vec{p}_i and \vec{p}_j . Q is the centre-of-mass energy.

The Cambridge algorithm [93] distinguishes an ordering variable v_{ij} and a resolution variable y_{ij} . The clustering procedure of the Cambridge algorithm is defined as follows:

1. Select a pair of objects (p_i, p_j) with the minimal value of the ordering variable v_{ij} .
2. If $y_{ij} < y_{cut}$ they are combined, one recomputes the relevant values of the ordering variable and goes back to the first step.

3. If $y_{ij} \geq y_{cut}$ and $E_i < E_j$ then i is defined as a resolved jet and deleted from the table.
4. Repeat until only one object is left in the table. This object is also defined as a jet and clustering is finished.

As ordering variable

$$v_{ij} = 2(1 - \cos \theta_{ij}) \quad (5)$$

is used. The resolution variable is as in the Durham algorithm

$$y_{ij} = \frac{2 \min(E_i^2, E_j^2) (1 - \cos \theta_{ij})}{Q^2} \quad (6)$$

and the E-scheme is used as recombination prescription.

In this paper we study in addition inclusive jet algorithms. The first three inclusive jet algorithms under consideration are again sequential recombination algorithms. The clustering procedure is now defined by

1. Define a resolution parameter y_{cut}
2. For every pair (p_k, p_l) of final-state particles compute the corresponding resolution variable y_{kl} .
3. If y_{ij} is the smallest value of y_{kl} computed above and $y_{ij} < y_{cut}$ then combine (p_i, p_j) into a single jet ('pseudo-particle') with momentum p_{ij} according to a recombination prescription.
4. Repeat until all pairs of objects (particles and/or pseudo-particles) have $y_{kl} > y_{cut}$.
5. Objects with $E \geq E_{min}$ are called jets.

This procedure depends on two parameters y_{cut} and E_{min} . Step 5 is new compared to the clustering procedure of the exclusive case: Only pseudo-particles with an energy larger than E_{min} are called jets. For the inclusive Durham algorithm, the Aachen algorithm [94] and the anti- k_t algorithm [95] the resolution measures and the recombination prescriptions are defined as follows:

$$\begin{aligned}
\text{Durham:} \quad y_{ij} &= \frac{2 \min(E_i^2, E_j^2) (1 - \cos \theta_{ij})}{Q^2}, & \text{E-scheme,} \\
\text{Aachen:} \quad y_{ij} &= \frac{1}{2} (1 - \cos \theta_{ij}), & \text{E-scheme,} \\
\text{Anti-}k_t: \quad y_{ij} &= \frac{1}{8} Q^2 \min \left(\frac{1}{E_i^2}, \frac{1}{E_j^2} \right) (1 - \cos \theta_{ij}), & \text{E-scheme,} \quad (7)
\end{aligned}$$

These resolution measures are all special cases from a family of resolution measures given by

$$y_{ij} = \frac{1}{2} \left(\frac{Q^2}{4} \right)^{-p} \min(E_i^{2p}, E_j^{2p}) (1 - \cos \theta_{ij}), \quad (8)$$

which is parametrised by a variable p . The resolution measures for the Durham, Aachen and anti- k_t algorithms correspond to $p = 1$, $p = 0$ and $p = -1$, respectively. The Aachen algorithm has originally been defined for deep-inelastic scattering, the anti- k_t algorithm has originally been defined for hadron-hadron collisions. The definitions above adopt these algorithms to the case of electron-positron annihilation. The inclusive version of the Durham algorithm differs from the exclusive version of the Durham algorithm by the fact that at the end of the clustering procedure only pseudo-particles with an energy larger than E_{min} are considered as (hard) jets. This is due to the additional step 5. For the Aachen and the anti- k_t algorithms the additional step 5 is essential. The resolution measures of these algorithms allow that a single soft parton emitted at large angle to all hard jets forms a protojet after step 4. This would not be infrared-safe and step 5 removes protojets with an energy smaller than E_{min} .

In addition we consider one further inclusive jet algorithm: the infrared-safe cone algorithm SIScone [96]. We use the spherical version of this algorithm, which is appropriate for electron-positron annihilation. The algorithm depends on four parameters (R , E_{min} , n_{pass} and f). The most important parameters are the cone half-opening angle R and the parameter E_{min} defined as above. For a uniform notation throughout this paper we relate the cone half-opening angle R to a parameter y_{cut} by

$$y_{cut} = 1 - \cos R. \quad (9)$$

The parameter n_{pass} specifies how often the procedure for finding stable cones is maximally iterated. The split-merge procedure of this algorithm depends on an overlap parameter f . In detail the SIScone algorithm is specified as follows:

1. Put the set of current particles equal to the set of all particles in the event and set $i_{pass} = 0$.
2. For the current set of particles find all stable cones with cone half-opening angle R .
3. Each stable cone is added to the list of protojets.
4. Remove all particles that are in stable cones from the list of current particles and increase i_{pass} .
5. If $i_{pass} < n_{pass}$ and some new stable cones have been found in this pass, go back to step 2.
6. Run the split-merge procedure with overlap parameter f .
7. Objects with $E \geq E_{min}$ are called jets.

A set of particles defines a cone axis, which is given as the sum of the momenta of all particles in the set. A cone is called stable for the cone half-opening angle R , if all particles defining the cone axis have an angle smaller than R to the cone axis and if all particles not belonging to the cone have an angle larger than R with respect to the cone axis. The angle θ between a particle with three-momentum \vec{p}_j and a cone axis given by \vec{p}_{cone} is given by

$$\cos \theta = \frac{\vec{p}_j \cdot \vec{p}_{cone}}{|\vec{p}_j| |\vec{p}_{cone}|}. \quad (10)$$

The four-momentum of a protojet is the sum of the four-momenta of the particles in the protojet. This corresponds to the E-scheme. The split-merge procedure requires an infrared-safe ordering variable for the protojets. For events in electron-positron annihilation this ordering variable is denoted \tilde{E} and is given for a protojet I with three-momentum \vec{p}_I by

$$\tilde{E}(I) = \sum_{k \in I} E_k [1 + \sin^2 \theta(\vec{p}_k, \vec{p}_I)]. \quad (11)$$

The sum is over all particles in the protojet. The split-merge procedure is defined as follows:

1. Find the protojet I with the highest $\tilde{E}(I)$.
2. Among the remaining protojets find the one (J) with highest $\tilde{E}(J)$ that overlaps with I .
3. If there is such an overlapping jet then compute the sum of the energies of the particles shared by I and J :

$$E_{shared} = \sum_{k \in (I \cap J)} E_k. \quad (12)$$

- (a) If $E_{shared} < fE(J)$ assign each particle that is shared between the two protojets to the protojet whose axis is closest. Recalculate the momenta of the protojets.
- (b) If $E_{shared} \geq fE(J)$ merge the two protojets into a single new protojet and remove the two original ones.
4. Otherwise, if no overlapping jet exists, then add I to the list of jets and remove it from the list of protojets.
5. As long as there are protojets left, go back to step 1.

It should be noted that the SIScone algorithm described here is the one adapted to electron-positron annihilation. This version uses opening angles as a distance measure in contrast to the distance measure based on rapidity and azimuthal angle which is typically used in hadron-hadron collisions. Furthermore, the energy E and the ordering quantity \tilde{E} are used in the split-merge procedure instead of p_t and \tilde{p}_t .

In this article we will always keep the default value of infinity for the parameter n_{pass} . This ensures that all particles are associated to protojets. Furthermore we will also always keep the default value of $f = 1/2$ for the overlap parameter. The original implementation of [96] foresees the possibility that in step 1 of the split-merge procedure protojets with an energy smaller than a threshold $E_{threshold}$ are immediately discarded. We can set the value $E_{threshold}$ to zero, since we keep in step 7 at the end of the main algorithm only jets with an energy larger than E_{min} .

The inclusive jet algorithms all depend on a parameter E_{min} . It is convenient to introduce a dimensionless quantity η_{min} , related to E_{min} by

$$E_{min} = \eta_{min} \sqrt{Q^2}, \quad (13)$$

where $\sqrt{Q^2}$ is the centre-of-mass energy. Throughout this paper we use the value

$$\eta_{min} = 0.077. \quad (14)$$

This value corresponds to $E_{min} = 7$ GeV for $\sqrt{Q^2} = m_Z$ and is motivated by the value used by the OPAL collaboration [97].

3 Perturbative expansion

The production rate for n -jet events in electron-positron annihilation is given as the ratio of the cross section for n -jet events divided by the total hadronic cross section

$$R_n(\mu) = \frac{\sigma_{n-jet}(\mu)}{\sigma_{tot}(\mu)}. \quad (15)$$

The arbitrary renormalisation scale is denoted by μ . The production rates can be calculated within perturbation theory. Assuming that the jet algorithm does not classify any event as a one-jet or zero-jet event, we have the perturbative expansions

$$\begin{aligned} R_2(\mu) &= 1 + \frac{\alpha_s(\mu)}{2\pi} \bar{A}_2(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^2 \bar{B}_2(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 \bar{C}_2(\mu) + O(\alpha_s^4), \\ R_3(\mu) &= \frac{\alpha_s(\mu)}{2\pi} \bar{A}_3(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^2 \bar{B}_3(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 \bar{C}_3(\mu) + O(\alpha_s^4), \\ R_4(\mu) &= \left(\frac{\alpha_s(\mu)}{2\pi} \right)^2 \bar{B}_4(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 \bar{C}_4(\mu) + O(\alpha_s^4), \\ R_5(\mu) &= \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 \bar{C}_5(\mu) + O(\alpha_s^4). \end{aligned}$$

If the jet algorithms allows the possibility that an event is classified as a one-jet or zero-jet event, we can keep the notation as above, but have to interpret R_2 as the production rate for events with no more than two jets. This occurs for example in the SISCone algorithm, where a tiny fraction of events are classified as one-jet events due to the split-merge procedure.

In practise the numerical program computes the quantities

$$\begin{aligned} \frac{\sigma_{3-jet}(\mu)}{\sigma_0(\mu)} &= \frac{\alpha_s(\mu)}{2\pi} A_3(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^2 B_3(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 C_3(\mu) + O(\alpha_s^4), \\ \frac{\sigma_{4-jet}(\mu)}{\sigma_0(\mu)} &= \left(\frac{\alpha_s(\mu)}{2\pi} \right)^2 B_4(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 C_4(\mu) + O(\alpha_s^4), \\ \frac{\sigma_{5-jet}(\mu)}{\sigma_0(\mu)} &= \left(\frac{\alpha_s(\mu)}{2\pi} \right)^3 C_5(\mu) + O(\alpha_s^4), \end{aligned}$$

normalised to σ_0 , which is the LO cross section for $e^+e^- \rightarrow \text{hadrons}$, instead of the normalisation to σ_{tot} . The corresponding coefficients $A_2(\mu)$, $B_2(\mu)$ and $C_2(\mu)$ for the two-jet rate

$$\frac{\sigma_{2-jet}(\mu)}{\sigma_0(\mu)} = 1 + \frac{\alpha_s(\mu)}{2\pi} A_2(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi}\right)^2 B_2(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi}\right)^3 C_2(\mu) + o(\alpha_s^4) \quad (16)$$

are obtained from the coefficients of three-, four- and five-jet rates and the known perturbative expansion of the total hadronic cross section σ_{tot}

$$\sigma_{tot}(\mu) = \sigma_0(\mu) \left(1 + \frac{\alpha_s(\mu)}{2\pi} A_{tot}(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi}\right)^2 B_{tot}(\mu) + \left(\frac{\alpha_s(\mu)}{2\pi}\right)^3 C_{tot}(\mu) + o(\alpha_s^4) \right). \quad (17)$$

We have

$$\begin{aligned} A_2 &= A_{tot} - A_3, \\ B_2 &= B_{tot} - B_3 - B_4, \\ C_2 &= C_{tot} - C_3 - C_4 - C_5. \end{aligned} \quad (18)$$

There is a simple relation between the coefficients A_n , B_n and C_n and the coefficients \bar{A}_n , \bar{B}_n and \bar{C}_n :

$$\begin{aligned} \bar{A}_n &= A_n - \delta_{n,2} A_{tot}, \\ \bar{B}_n &= B_n - A_{tot} A_n - \delta_{n,2} (B_{tot} - A_{tot}^2), \\ \bar{C}_n &= C_n - A_{tot} B_n - (B_{tot} - A_{tot}^2) A_n - \delta_{n,2} (C_{tot} - 2A_{tot} B_{tot} + A_{tot}^3). \end{aligned} \quad (19)$$

It is sufficient to calculate the functions \bar{A}_O , \bar{B}_O and \bar{C}_O for a fixed renormalisation scale μ_0 , which can be taken conveniently to be equal to the centre-of-mass energy: $\mu_0 = Q$. For this scale choice the coefficients of the perturbative expansion of the total hadronic cross section are given by [98, 99]:

$$\begin{aligned} A_{tot} &= \frac{3}{2} C_F, \\ B_{tot} &= \frac{1}{4} \left[-\frac{3}{2} C_F^2 + C_F C_A \left(\frac{123}{2} - 44\zeta_3 \right) + C_F T_R N_f (-22 + 16\zeta_3) \right], \\ C_{tot} &= \frac{1}{8} \left[-\frac{69}{2} C_F^3 + C_F^2 C_A (-127 - 572\zeta_3 + 880\zeta_5) + C_F C_A^2 \left(\frac{90445}{54} - \frac{10948}{9} \zeta_3 - \frac{440}{3} \zeta_5 \right) \right. \\ &\quad + C_F^2 T_R N_f (-29 + 304\zeta_3 - 320\zeta_5) + C_F C_A T_R N_f \left(-\frac{31040}{27} + \frac{7168}{9} \zeta_3 + \frac{160}{3} \zeta_5 \right) \\ &\quad \left. + C_F T_R^2 N_f^2 \left(\frac{4832}{27} - \frac{1216}{9} \zeta_3 \right) - \pi^2 C_F \left(\frac{11}{3} C_A - \frac{4}{3} T_R N_f \right)^2 \right]. \end{aligned} \quad (20)$$

The colour factors are defined as usual by

$$C_A = N_c, \quad C_F = \frac{N_c^2 - 1}{2N_c}, \quad T_R = \frac{1}{2}. \quad (21)$$

N_c denotes the number of colours and N_f the number of light quark flavours. In eq. (20) there are in addition singlet contributions to the coefficient C_{tot} , which arise from interference terms of amplitudes, where the electro-weak boson couples to two different fermion lines. These contributions are not shown in eq. (20) and neglected throughout this paper. At present, these singlet contributions are known at order α_s^3 for the total hadronic cross section and the four- and five-jet cross sections. They are not known for the three-jet cross section, but can be expected to be numerically small [39, 100, 101].

The scale variation can be restored from the renormalisation group equation

$$\begin{aligned}\mu^2 \frac{d}{d\mu^2} \left(\frac{\alpha_s}{2\pi} \right) &= -\frac{1}{2}\beta_0 \left(\frac{\alpha_s}{2\pi} \right)^2 - \frac{1}{4}\beta_1 \left(\frac{\alpha_s}{2\pi} \right)^3 - \frac{1}{8}\beta_2 \left(\frac{\alpha_s}{2\pi} \right)^4 + o(\alpha_s^5), \\ \beta_0 &= \frac{11}{3}C_A - \frac{4}{3}T_R N_f, \\ \beta_1 &= \frac{34}{3}C_A^2 - 4 \left(\frac{5}{3}C_A + C_F \right) T_R N_f, \\ \beta_2 &= \frac{2857}{54}C_A^3 - \left(\frac{1415}{27}C_A^2 + \frac{205}{9}C_A C_F - 2C_F^2 \right) T_R N_f + \left(\frac{158}{27}C_A + \frac{44}{9}C_F \right) T_R^2 N_f^2.\end{aligned}\tag{22}$$

The values of the coefficients \bar{A}_n , \bar{B}_n and \bar{C}_n at a scale μ are then obtained from the ones at the scale μ_0 by

$$\begin{aligned}\bar{A}_n(\mu) &= \bar{A}_n(\mu_0), \\ \bar{B}_n(\mu) &= \bar{B}_n(\mu_0) + \frac{1}{2}\beta_0 \ln \left(\frac{\mu^2}{\mu_0^2} \right) \bar{A}_n(\mu_0), \\ \bar{C}_n(\mu) &= \bar{C}_n(\mu_0) + \beta_0 \ln \left(\frac{\mu^2}{\mu_0^2} \right) \bar{B}_n(\mu_0) + \frac{1}{4} \left[\beta_1 + \beta_0^2 \ln \left(\frac{\mu^2}{\mu_0^2} \right) \right] \ln \left(\frac{\mu^2}{\mu_0^2} \right) \bar{A}_n(\mu_0).\end{aligned}\tag{23}$$

Finally, an approximate solution of eq. (22) for α_s is given by

$$\frac{\alpha_s(\mu)}{2\pi} = \frac{2}{\beta_0 L} \left\{ 1 - \frac{\beta_1}{\beta_0^2} \frac{\ln L}{L} + \frac{1}{\beta_0^4 L^2} [\beta_1^2 (\ln^2 L - \ln L - 1) + \beta_0 \beta_2] \right\},\tag{24}$$

where $L = \ln(\mu^2/\Lambda^2)$. This solution is appropriate for NNLO. The lower order solutions are obtained by dropping the corresponding higher order terms in $1/L$. Note that in addition the scale parameter Λ has to be adjusted. We use the LO formula for α_s in the five-jet rates, the NLO formula for α_s in the four-jet rates and the NNLO formula for α_s in the three- and two-jet rates. Note that it is consistent to use the NNLO formula for α_s in the N³LO calculation for the two-jet rate. The leading order prediction for the two-jet rate is independent of α_s . Using the N³LO formula for α_s would not improve the theoretical prediction. It would merely include some – but not all – higher order terms.

4 Numerical results

In this section I present the results for the jet rates. The jet rates depend on the jet algorithm. Results are provided for all jet algorithms introduced in section (2). These are the exclusive

sequential recombination algorithms Durham, Geneva, Jade-E0 and Cambridge, the inclusive sequential recombination algorithms Durham, Aachen and anti- k_t , and the infrared-safe cone algorithm SIScone. The results are LO for the five-jet rates, NLO for the four-jet rates, NNLO for the three-jet rates and N³LO for the two-jet rates. The exclusive sequential recombination algorithms depend on a single parameter y_{cut} . The inclusive sequential recombination algorithms depend in addition on a second parameter E_{min} . The SIScone algorithm depends on four parameters y_{cut} and E_{min} as above and in addition on the two parameters n_{pass} and f . For all jet algorithm the jet resolution parameter y_{cut} is varied. The parameter E_{min} , which occurs in the inclusive jet algorithms is kept fixed and set to

$$E_{min} = \eta_{min} \sqrt{Q^2}, \quad \eta_{min} = 0.077, \quad (25)$$

where $\sqrt{Q^2}$ is the centre-of-mass energy. This value corresponds to $E_{min} = 7$ GeV for $\sqrt{Q^2} = m_Z$ and is motivated by the value used by the OPAL collaboration [97]. The two additional parameters for the SIScone algorithm are also kept fixed to their default values:

$$n_{pass} = \infty, \quad f = 0.5. \quad (26)$$

For each jet algorithm I show two plots. The first plot shows the two-, three-, four- and five-jet rate of the jet algorithm at order α_s^3 as a function of y_{cut} . The second plot compares the three-jet rate at LO (which is of order α_s), at NLO (order α_s^2) and NNLO (order α_s^3). In these plots the values

$$\sqrt{Q^2} = m_Z, \quad \alpha_s = 0.118 \quad (27)$$

are used. The renormalisation scale μ is varied from $\mu = m_Z/2$ to $\mu = 2m_Z$, this defines a band for the theoretical prediction which is shown in the plots. The plots for the various jet algorithms can be found in figs. (1) - (8). It can be seen from the plots that the four inclusive jet algorithms show a different behaviour in the small y_{cut} region as compared to the exclusive jet algorithms. This is expected since the additional (and fixed) parameter E_{min} acts as an additional soft cut-off.

The perturbative coefficients A_3, B_3, C_3, B_4, C_4 and C_5 are reported for each jet algorithm in tables (1) - (16). Each table contains the results for the y_{cut} -values

$$\log_{10}(y_{cut}) = -4.975 + 0.05i, \quad i \in \{0, 1, \dots, 99\}. \quad (28)$$

Results on the exclusive jet rates have already appeared for a few selected values of y_{cut} in [3,5,6]. In this article we cover a wider range of y_{cut} -values with a finer binning. The values in this article have been calculated with a significantly higher statistics in the Monte Carlo integration as compared to the values in [5, 6]. They are in reasonable agreement with the previous values. The results on the inclusive jet rates are new results.

A few comments are in order: The experimental measured values of the jet rates are by definition in the range between zero and one. However, a theoretical prediction based on fixed-order perturbation theory can lead to results which are negative or larger than one. This can be seen for example in fig. (1), showing the perturbative results for the exclusive Durham jet rates. In this

plot one sees that the leading-order five-jet rate exceeds one for small values of y_{cut} , as well as that the N³LO two-jet rate is negative for small values of y_{cut} . In general, unphysical values for the jet rates indicate that large logarithms occur and invalidate a fixed-order perturbative expansion. In the small y_{cut} -regions a fixed-order calculation has to be combined with a resummation of large logarithms. In the plots of figs. (1) - (8) we restricted our attention to the regions of y_{cut} , where the fixed-order calculation is expected to be reliable by requiring that all jet rates are between zero and one. For each jet algorithm this determines a range $[y_{cut,min}, 1]$, which is plotted. Note that the range of y_{cut} -values is different for each jet algorithm. On the other hand we report in tables (1) - (16) the perturbative results for all values of y_{cut} between 10^{-5} and 1 for all jet algorithms. The small y_{cut} -values are useful for a matching between fixed-order and resummed calculations, as well as for a numerical treatment of resummation.

The bands in the plots of figs. (1) - (8) are obtained by varying the renormalisation scale μ between $\mu = m_Z/2$ and $\mu = 2m_Z$. In higher orders of perturbation theory one observes a cross-over of these bands. As a word of warning I would like to mention, that the usual procedure of estimating the error of uncalculated higher-order corrections from the scale variation can lead in the cross-over regions to an under-estimation. This can be seen in the lower plot of fig. (1): The NLO prediction for the three-jet rate shows a cross-over between $y_{cut} = 0.001$ and $y_{cut} = 0.01$. However, the NNLO prediction is outside the NLO-band. A more conservative approach would first construct a hull for the scale-variation bands and estimate the uncalculated higher-order corrections from this hull.

5 Conclusions

In this article I reported on perturbative predictions for the jet rates in electron-positron annihilation. Eight different jet algorithms have been studied. These are the exclusive sequential recombination algorithms Durham, Geneva, Jade-E0 and Cambridge, the inclusive sequential recombination algorithms Durham, Aachen and anti- k_t , as well as the infrared-safe cone algorithm SIScone. The results are obtained in perturbative QCD and are N³LO for the two-jet rates, NNLO for the three-jet rates, NLO for the four-jet rates and LO for the five-jet rates. The results of this paper will be useful for an extraction of α_s from three-jet events in electron-positron annihilation. They are also useful for a study of the properties of inclusive jet algorithms, which is relevant to LHC experiments.

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Erratum

After publication of this paper a bug in the numerical program, which has been used to produce the numerical results of this paper, has been discovered. The bug affected the leading-colour contribution of the α_s^3 terms. A typo in the phase-space parametrisation of the five-parton contribution led to the effect, that a certain region of phase-space was counted twice, while another region of phase-space was left out. The bug has not been detected previously, mainly because the wrong phase-space parametrisation reproduced the correct phase-space volume. The bug has been found by a re-calculation of the four-jet rates with a new method based on numerical integration of the virtual loop amplitudes [102, 103]. This bug has now been corrected. It turns out, that the changes in the results for the eventshapes and the moments of the eventshapes are not significant and the corresponding numbers in ref. [6, 7] need not be updated. However, the changes in the results for the jet rates – and in particular the changes in the results for the four-jet rates – are sizeable. Therefore, the numerical results and the plots in this version have been corrected.

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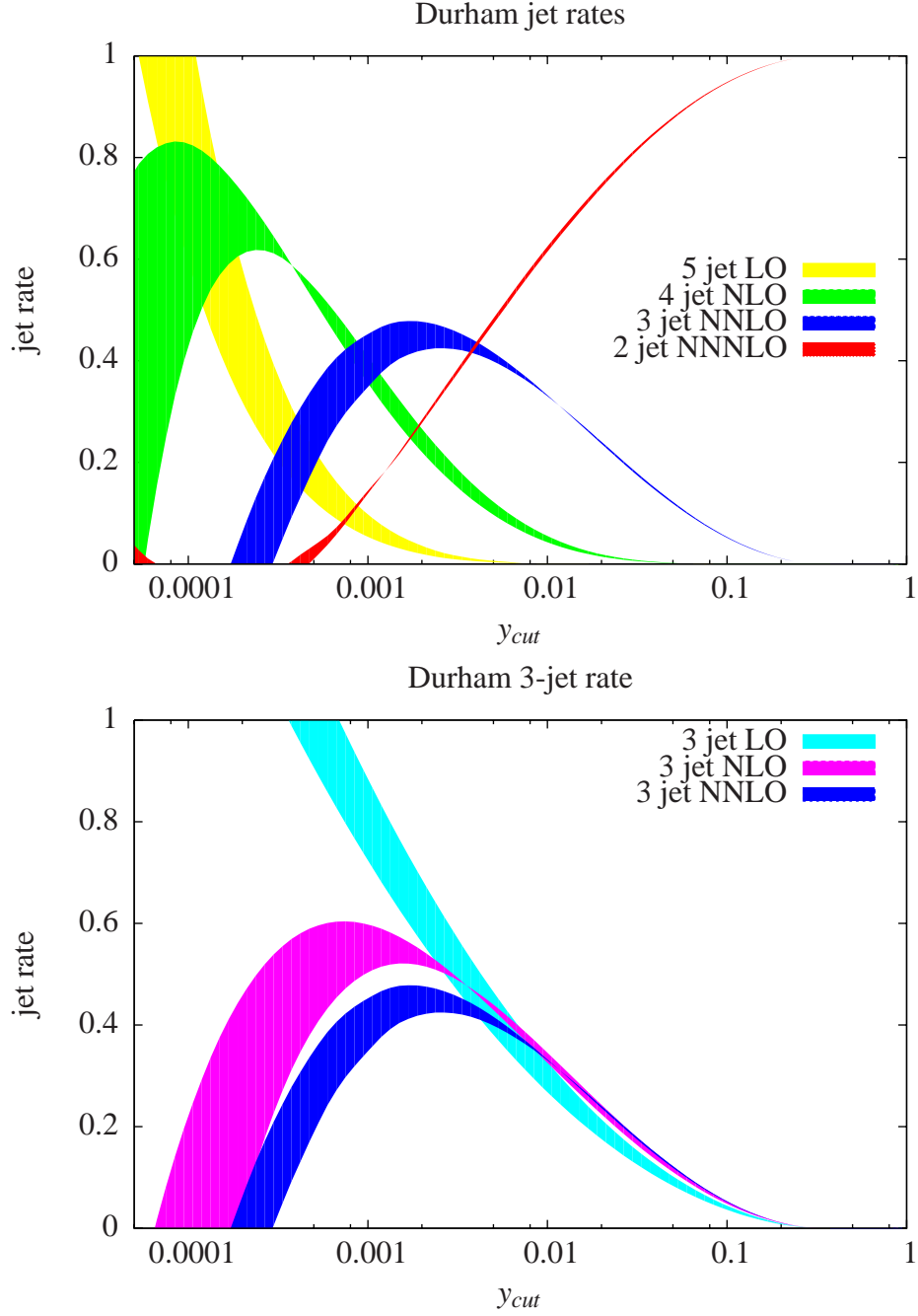


Figure 1: The upper plot shows the jet rates for the Durham algorithm at order α_s^3 . The lower plot shows the three-jet rate for the Durham algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

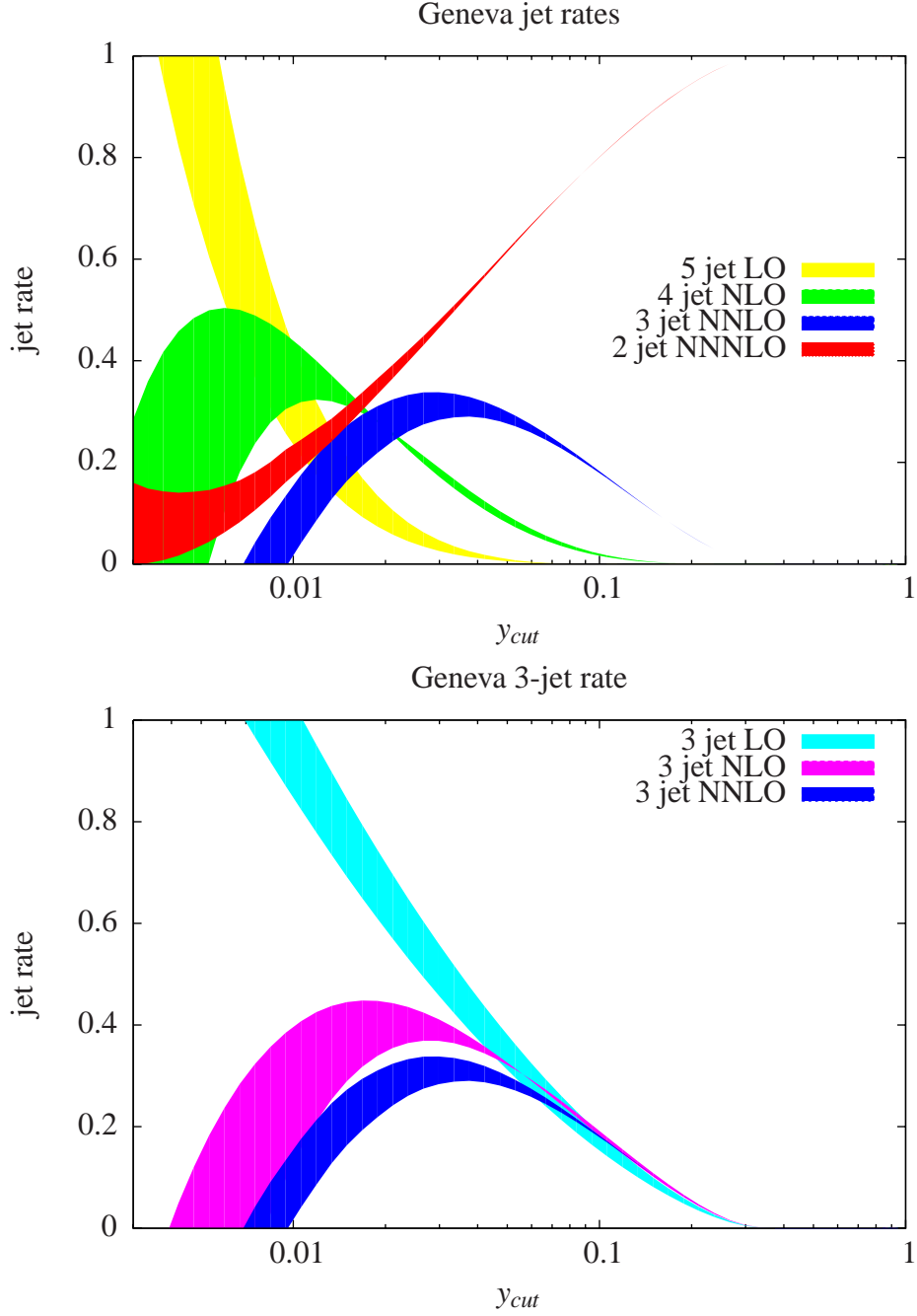


Figure 2: The upper plot shows the jet rates for the Geneva algorithm at order α_s^3 . The lower plot shows the three-jet rate for the Geneva algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

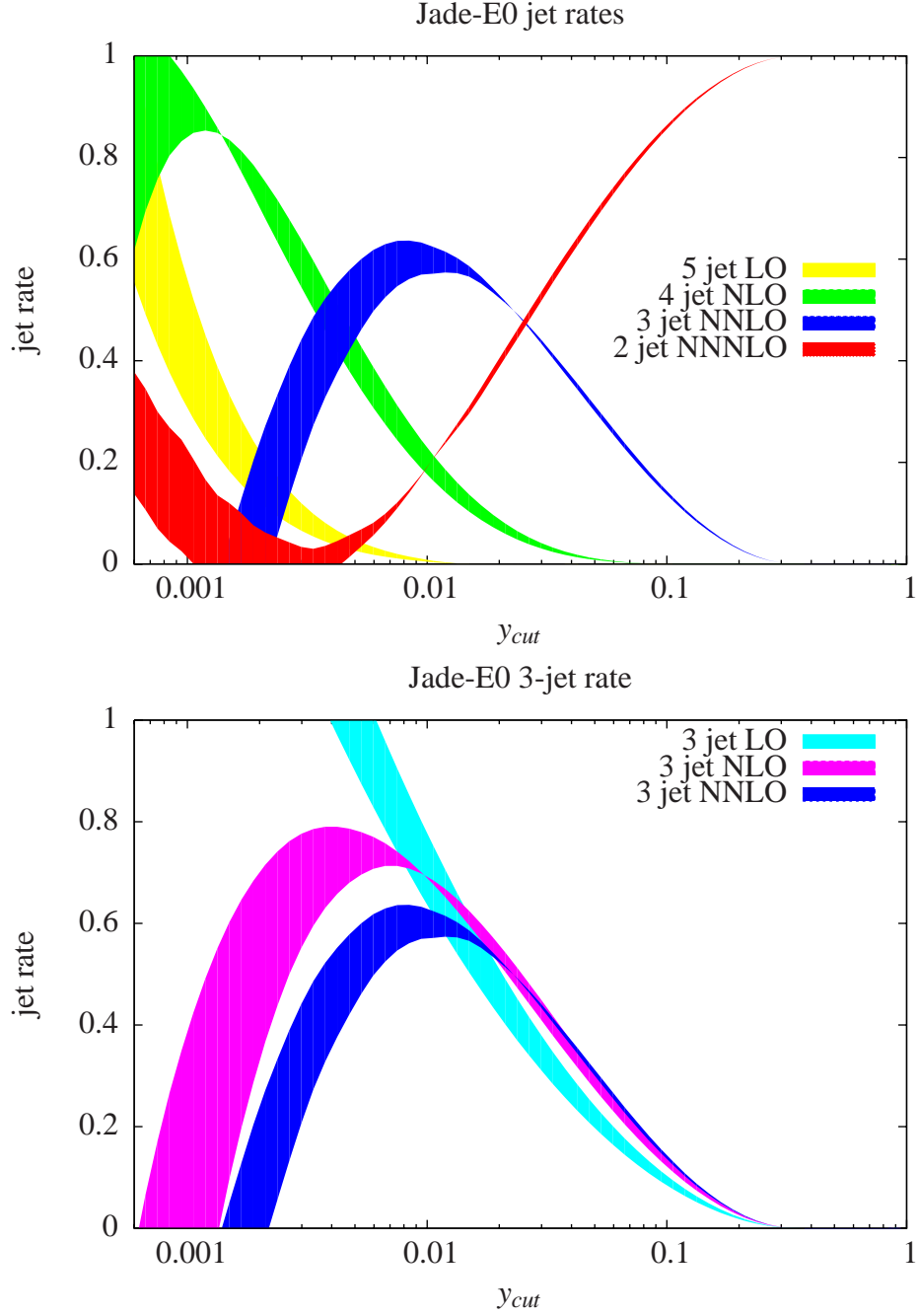


Figure 3: The upper plot shows the jet rates for the Jade-E0 algorithm at order α_s^3 . The lower plot shows the three-jet rate for the Jade-E0 algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

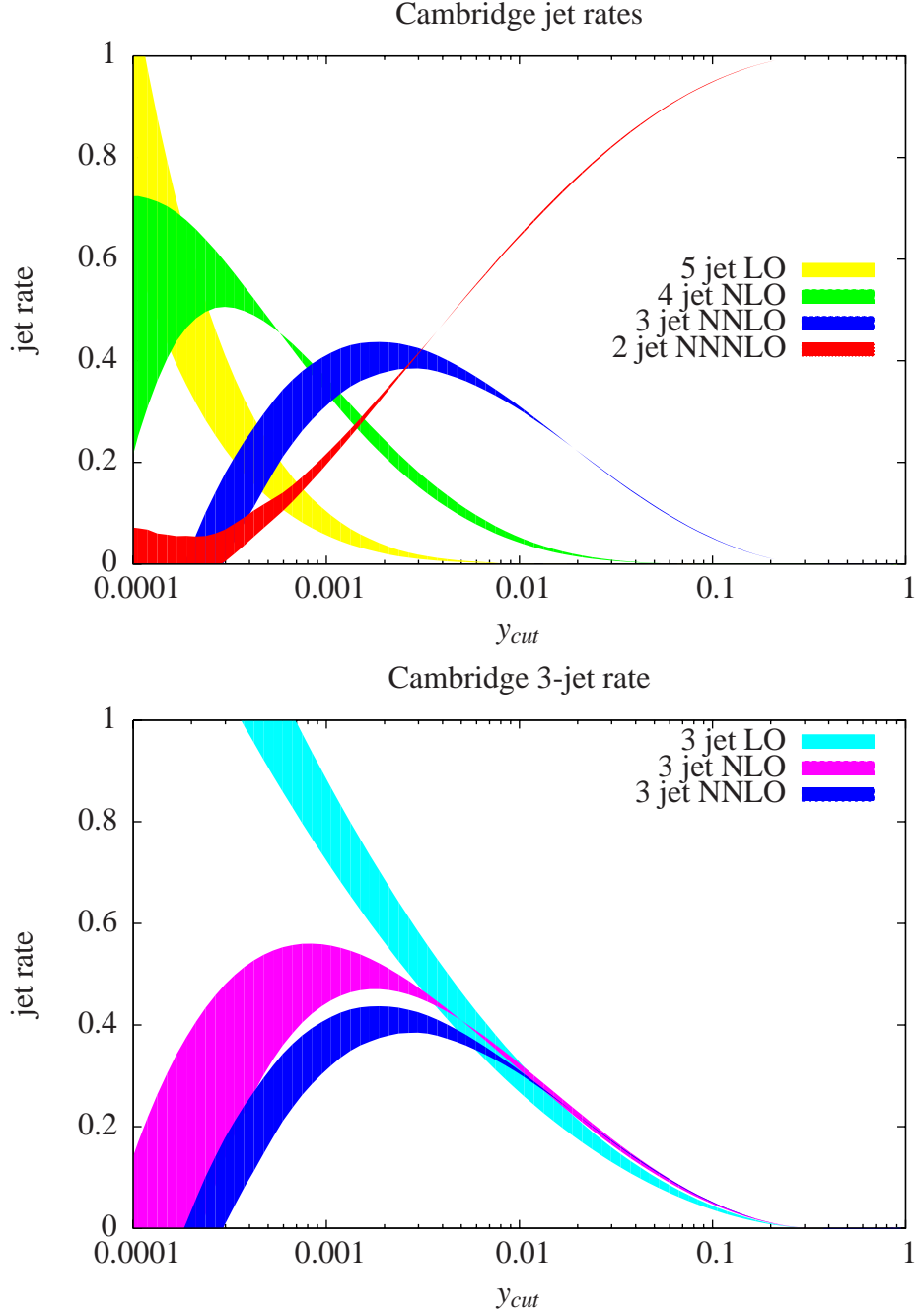


Figure 4: The upper plot shows the jet rates for the Cambridge algorithm at order α_s^3 . The lower plot shows the three-jet rate for the Cambridge algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

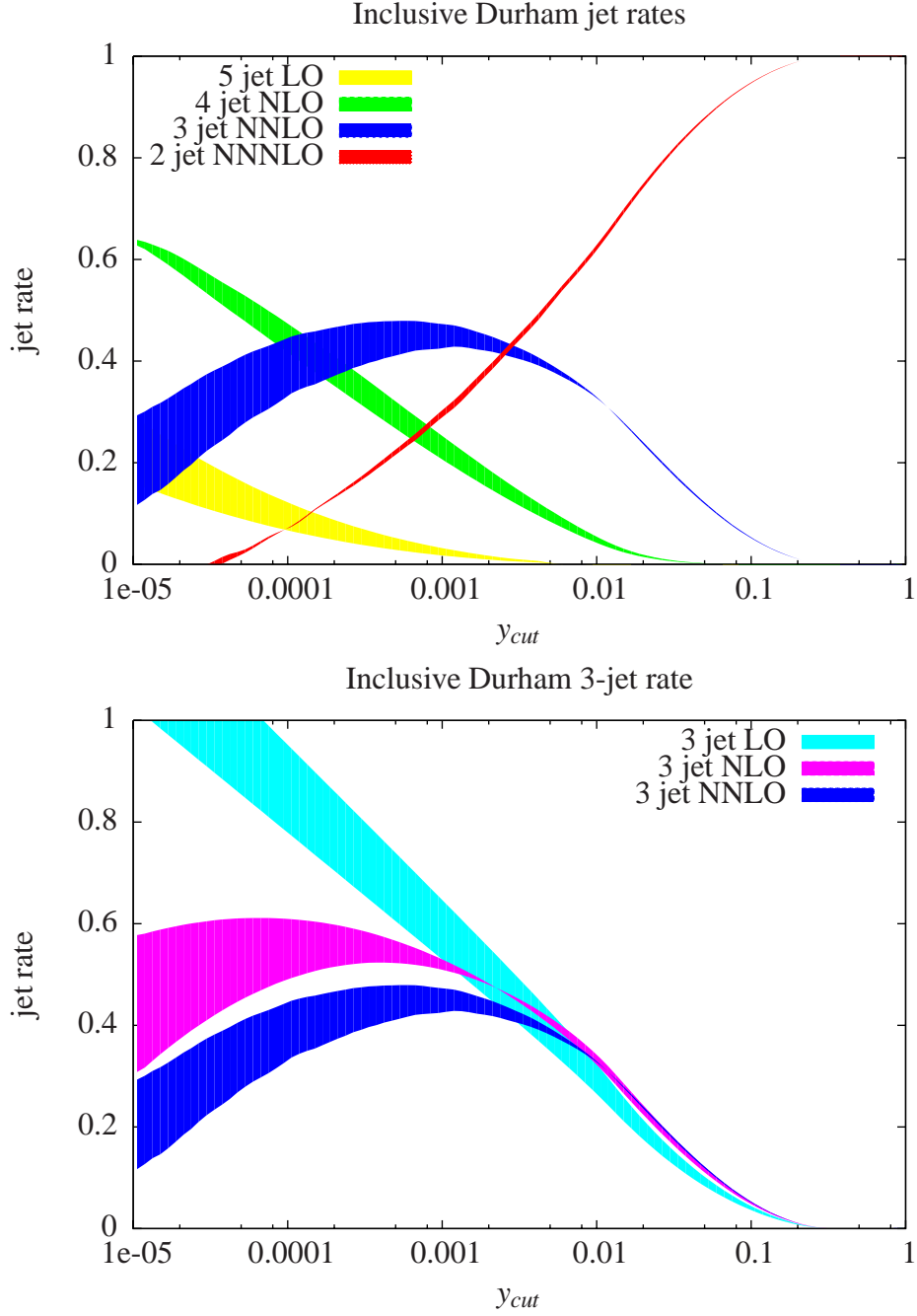


Figure 5: The upper plot shows the jet rates for the inclusive Durham algorithm at order α_s^3 . The lower plot shows the three-jet rate for the inclusive Durham algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

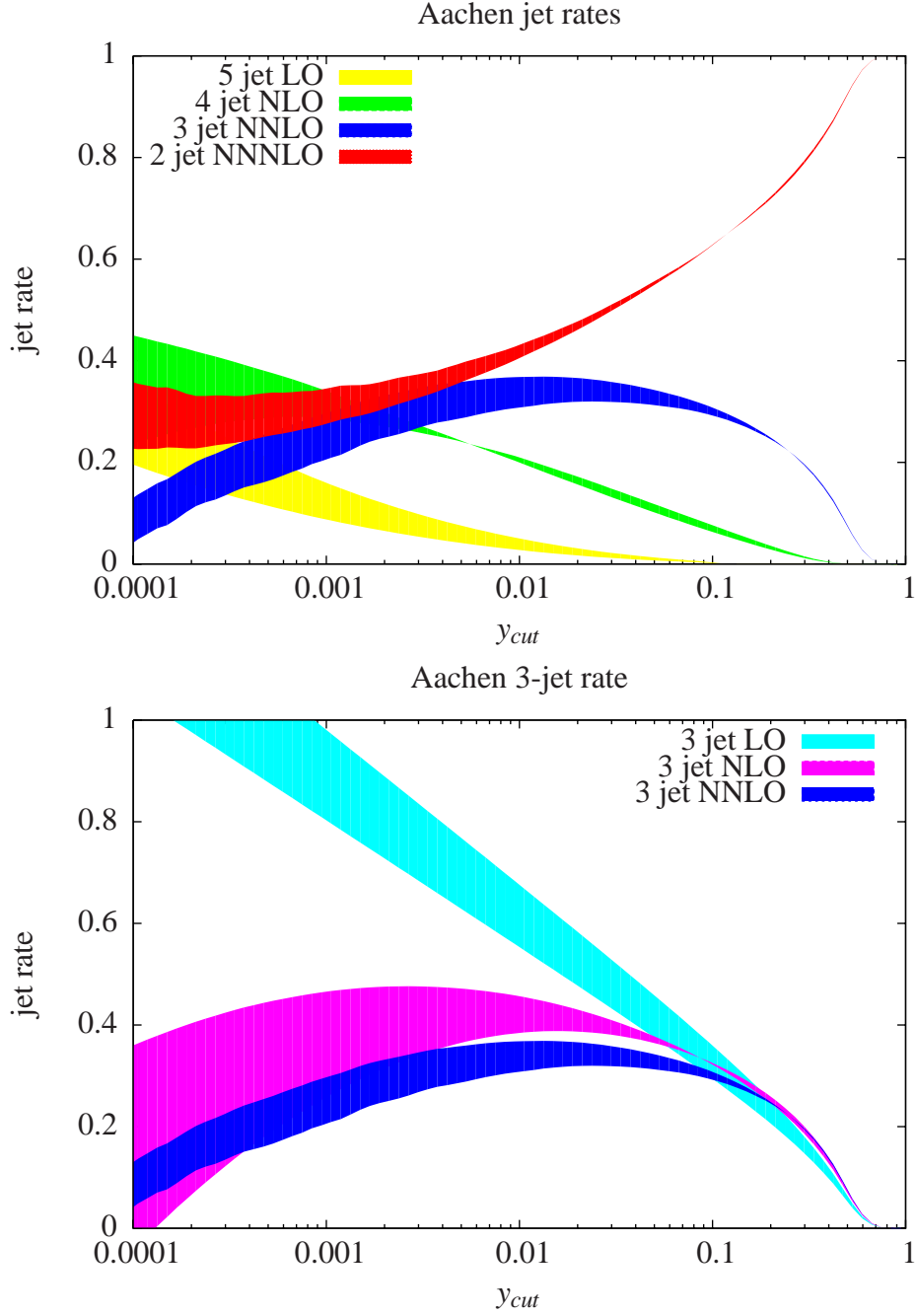


Figure 6: The upper plot shows the jet rates for the Aachen algorithm at order α_s^3 . The lower plot shows the three-jet rate for the Aachen algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

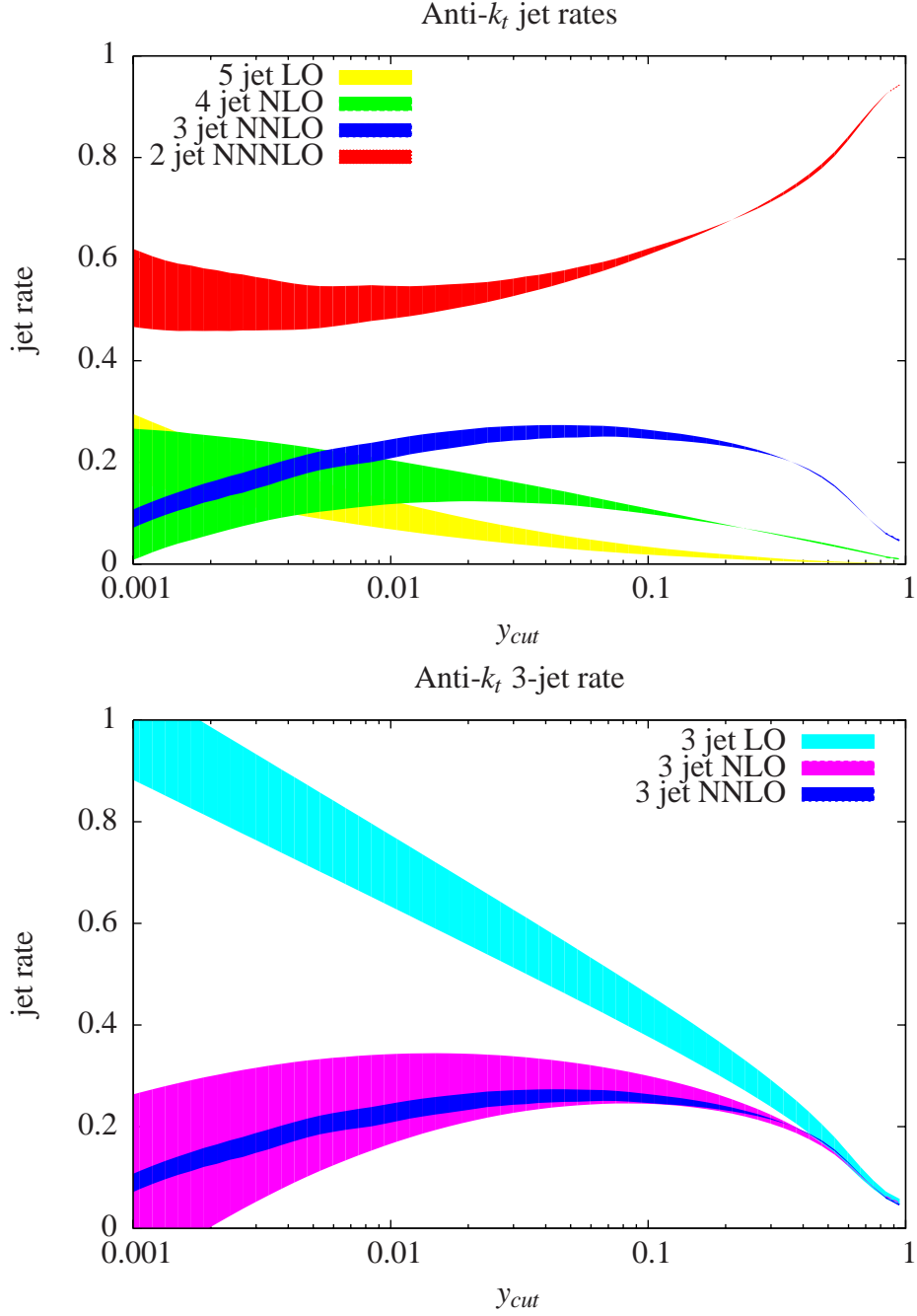


Figure 7: The upper plot shows the jet rates for the anti- k_t algorithm at order α_s^3 . The lower plot shows the three-jet rate for the anti- k_t algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

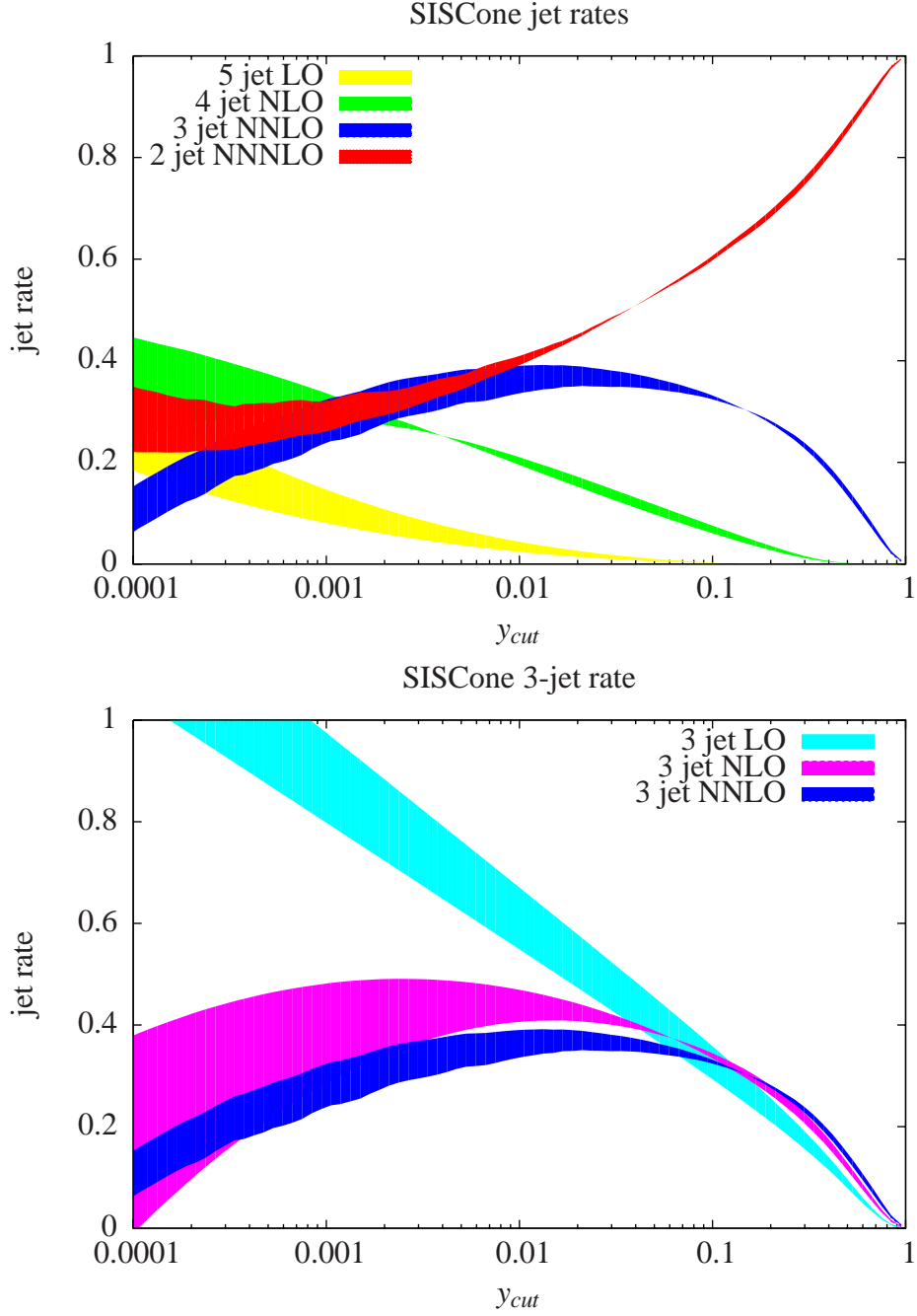


Figure 8: The upper plot shows the jet rates for the SIScone algorithm at order α_s^3 . The lower plot shows the three-jet rate for the SIScone algorithm at LO, NLO and NNLO. All plots are done with $\sqrt{Q^2} = m_Z$ and $\alpha_s(m_Z) = 0.118$. The bands give the range for the theoretical prediction obtained from varying the renormalisation scale from $\mu = m_Z/2$ to $\mu = 2m_Z$.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$1.3562(2) \cdot 10^2$	$-1.4523(6) \cdot 10^4$	$1.44(3) \cdot 10^5$	$1.0683(3) \cdot 10^4$	$-8.46(1) \cdot 10^5$	$6.283(5) \cdot 10^5$
$1.18850 \cdot 10^{-5}$	$1.3258(2) \cdot 10^2$	$-1.3786(6) \cdot 10^4$	$1.17(3) \cdot 10^5$	$1.0188(2) \cdot 10^4$	$-7.73(1) \cdot 10^5$	$5.832(4) \cdot 10^5$
$1.33352 \cdot 10^{-5}$	$1.2958(2) \cdot 10^2$	$-1.3069(5) \cdot 10^4$	$9.5(2) \cdot 10^4$	$9.711(2) \cdot 10^3$	$-7.03(1) \cdot 10^5$	$5.406(4) \cdot 10^5$
$1.49624 \cdot 10^{-5}$	$1.2661(2) \cdot 10^2$	$-1.2379(5) \cdot 10^4$	$7.3(2) \cdot 10^4$	$9.250(2) \cdot 10^3$	$-6.40(1) \cdot 10^5$	$5.007(4) \cdot 10^5$
$1.67880 \cdot 10^{-5}$	$1.2368(2) \cdot 10^2$	$-1.1720(5) \cdot 10^4$	$5.4(2) \cdot 10^4$	$8.806(2) \cdot 10^3$	$-5.81(1) \cdot 10^5$	$4.634(3) \cdot 10^5$
$1.88365 \cdot 10^{-5}$	$1.2080(2) \cdot 10^2$	$-1.1080(5) \cdot 10^4$	$3.5(2) \cdot 10^4$	$8.378(2) \cdot 10^3$	$-5.25(1) \cdot 10^5$	$4.282(3) \cdot 10^5$
$2.11349 \cdot 10^{-5}$	$1.1795(2) \cdot 10^2$	$-1.0468(4) \cdot 10^4$	$2.0(2) \cdot 10^4$	$7.966(2) \cdot 10^3$	$-4.77(1) \cdot 10^5$	$3.953(3) \cdot 10^5$
$2.37137 \cdot 10^{-5}$	$1.1514(2) \cdot 10^2$	$-9.882(4) \cdot 10^3$	$6(2) \cdot 10^3$	$7.571(2) \cdot 10^3$	$-4.290(9) \cdot 10^5$	$3.644(3) \cdot 10^5$
$2.66073 \cdot 10^{-5}$	$1.1236(2) \cdot 10^2$	$-9.324(4) \cdot 10^3$	$-6(2) \cdot 10^3$	$7.189(1) \cdot 10^3$	$-3.855(9) \cdot 10^5$	$3.358(3) \cdot 10^5$
$2.98538 \cdot 10^{-5}$	$1.0961(2) \cdot 10^2$	$-8.782(3) \cdot 10^3$	$-1.7(2) \cdot 10^4$	$6.822(1) \cdot 10^3$	$-3.460(8) \cdot 10^5$	$3.090(2) \cdot 10^5$
$3.34965 \cdot 10^{-5}$	$1.0689(1) \cdot 10^2$	$-8.267(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$6.470(1) \cdot 10^3$	$-3.090(7) \cdot 10^5$	$2.838(2) \cdot 10^5$
$3.75837 \cdot 10^{-5}$	$1.0421(1) \cdot 10^2$	$-7.771(3) \cdot 10^3$	$-3.4(2) \cdot 10^4$	$6.130(1) \cdot 10^3$	$-2.754(7) \cdot 10^5$	$2.605(2) \cdot 10^5$
$4.21696 \cdot 10^{-5}$	$1.0157(1) \cdot 10^2$	$-7.297(3) \cdot 10^3$	$-4.1(1) \cdot 10^4$	$5.804(1) \cdot 10^3$	$-2.441(6) \cdot 10^5$	$2.388(2) \cdot 10^5$
$4.73150 \cdot 10^{-5}$	$9.896(1) \cdot 10^1$	$-6.848(3) \cdot 10^3$	$-4.6(1) \cdot 10^4$	$5.491(1) \cdot 10^3$	$-2.154(6) \cdot 10^5$	$2.188(2) \cdot 10^5$
$5.30884 \cdot 10^{-5}$	$9.639(1) \cdot 10^1$	$-6.418(2) \cdot 10^3$	$-5.1(1) \cdot 10^4$	$5.1921(9) \cdot 10^3$	$-1.893(6) \cdot 10^5$	$2.000(2) \cdot 10^5$
$5.95662 \cdot 10^{-5}$	$9.385(1) \cdot 10^1$	$-6.004(2) \cdot 10^3$	$-5.5(1) \cdot 10^4$	$4.9042(8) \cdot 10^3$	$-1.660(5) \cdot 10^5$	$1.825(1) \cdot 10^5$
$6.68344 \cdot 10^{-5}$	$9.135(1) \cdot 10^1$	$-5.612(2) \cdot 10^3$	$-5.7(1) \cdot 10^4$	$4.6291(8) \cdot 10^3$	$-1.453(5) \cdot 10^5$	$1.665(1) \cdot 10^5$
$7.49894 \cdot 10^{-5}$	$8.8880(9) \cdot 10^1$	$-5.238(2) \cdot 10^3$	$-6.0(1) \cdot 10^4$	$4.3654(7) \cdot 10^3$	$-1.257(5) \cdot 10^5$	$1.517(1) \cdot 10^5$
$8.41395 \cdot 10^{-5}$	$8.6443(9) \cdot 10^1$	$-4.879(2) \cdot 10^3$	$-6.2(1) \cdot 10^4$	$4.1127(7) \cdot 10^3$	$-1.079(4) \cdot 10^5$	$1.379(1) \cdot 10^5$
$9.44061 \cdot 10^{-5}$	$8.4037(8) \cdot 10^1$	$-4.539(2) \cdot 10^3$	$-6.3(1) \cdot 10^4$	$3.8721(6) \cdot 10^3$	$-9.19(4) \cdot 10^4$	$1.253(1) \cdot 10^5$
$1.05925 \cdot 10^{-4}$	$8.1670(8) \cdot 10^1$	$-4.217(2) \cdot 10^3$	$-6.3(1) \cdot 10^4$	$3.6416(6) \cdot 10^3$	$-7.79(4) \cdot 10^4$	$1.135(1) \cdot 10^5$
$1.18850 \cdot 10^{-4}$	$7.9330(7) \cdot 10^1$	$-3.911(1) \cdot 10^3$	$-6.22(9) \cdot 10^4$	$3.4216(5) \cdot 10^3$	$-6.51(3) \cdot 10^4$	$1.0266(9) \cdot 10^5$
$1.33352 \cdot 10^{-4}$	$7.7034(7) \cdot 10^1$	$-3.618(1) \cdot 10^3$	$-6.21(9) \cdot 10^4$	$3.2116(5) \cdot 10^3$	$-5.36(3) \cdot 10^4$	$9.281(8) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$7.4763(6) \cdot 10^1$	$-3.339(1) \cdot 10^3$	$-6.12(8) \cdot 10^4$	$3.0116(4) \cdot 10^3$	$-4.37(3) \cdot 10^4$	$8.361(7) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$7.2532(6) \cdot 10^1$	$-3.080(1) \cdot 10^3$	$-6.08(8) \cdot 10^4$	$2.8215(4) \cdot 10^3$	$-3.48(3) \cdot 10^4$	$7.522(7) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$7.0332(6) \cdot 10^1$	$-2.833(1) \cdot 10^3$	$-5.94(7) \cdot 10^4$	$2.6401(4) \cdot 10^3$	$-2.67(2) \cdot 10^4$	$6.756(6) \cdot 10^4$
$2.11349 \cdot 10^{-4}$	$6.8170(5) \cdot 10^1$	$-2.602(1) \cdot 10^3$	$-5.74(7) \cdot 10^4$	$2.4677(3) \cdot 10^3$	$-1.98(2) \cdot 10^4$	$6.060(6) \cdot 10^4$
$2.37137 \cdot 10^{-4}$	$6.6041(5) \cdot 10^1$	$-2.3806(9) \cdot 10^3$	$-5.54(7) \cdot 10^4$	$2.3040(3) \cdot 10^3$	$-1.36(2) \cdot 10^4$	$5.421(5) \cdot 10^4$
$2.66073 \cdot 10^{-4}$	$6.3948(5) \cdot 10^1$	$-2.1731(9) \cdot 10^3$	$-5.33(6) \cdot 10^4$	$2.1487(3) \cdot 10^3$	$-8.3(2) \cdot 10^3$	$4.842(5) \cdot 10^4$
$2.98538 \cdot 10^{-4}$	$6.1891(4) \cdot 10^1$	$-1.9788(8) \cdot 10^3$	$-5.12(6) \cdot 10^4$	$2.0013(3) \cdot 10^3$	$-3.7(2) \cdot 10^3$	$4.310(4) \cdot 10^4$
$3.34965 \cdot 10^{-4}$	$5.9868(4) \cdot 10^1$	$-1.7954(8) \cdot 10^3$	$-4.88(6) \cdot 10^4$	$1.8618(2) \cdot 10^3$	$1(2) \cdot 10^2$	$3.827(4) \cdot 10^4$
$3.75837 \cdot 10^{-4}$	$5.7879(4) \cdot 10^1$	$-1.6240(7) \cdot 10^3$	$-4.63(5) \cdot 10^4$	$1.7296(2) \cdot 10^3$	$3.2(2) \cdot 10^3$	$3.390(3) \cdot 10^4$
$4.21697 \cdot 10^{-4}$	$5.5925(4) \cdot 10^1$	$-1.4639(7) \cdot 10^3$	$-4.38(5) \cdot 10^4$	$1.6046(2) \cdot 10^3$	$5.8(1) \cdot 10^3$	$2.993(3) \cdot 10^4$
$4.73151 \cdot 10^{-4}$	$5.4005(4) \cdot 10^1$	$-1.3139(6) \cdot 10^3$	$-4.14(5) \cdot 10^4$	$1.4865(2) \cdot 10^3$	$8.0(1) \cdot 10^3$	$2.635(3) \cdot 10^4$
$5.30884 \cdot 10^{-4}$	$5.2122(3) \cdot 10^1$	$-1.1733(6) \cdot 10^3$	$-3.82(5) \cdot 10^4$	$1.3750(2) \cdot 10^3$	$9.8(1) \cdot 10^3$	$2.314(3) \cdot 10^4$
$5.95662 \cdot 10^{-4}$	$5.0269(3) \cdot 10^1$	$-1.0434(5) \cdot 10^3$	$-3.55(4) \cdot 10^4$	$1.2700(1) \cdot 10^3$	$1.12(1) \cdot 10^4$	$2.025(2) \cdot 10^4$
$6.68344 \cdot 10^{-4}$	$4.8455(3) \cdot 10^1$	$-9.216(5) \cdot 10^2$	$-3.30(4) \cdot 10^4$	$1.1711(1) \cdot 10^3$	$1.22(1) \cdot 10^4$	$1.770(2) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$4.6675(3) \cdot 10^1$	$-8.087(4) \cdot 10^2$	$-3.07(4) \cdot 10^4$	$1.0782(1) \cdot 10^3$	$1.297(9) \cdot 10^4$	$1.539(2) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$4.4928(3) \cdot 10^1$	$-7.043(4) \cdot 10^2$	$-2.87(4) \cdot 10^4$	$9.908(1) \cdot 10^2$	$1.347(8) \cdot 10^4$	$1.332(2) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$4.3215(2) \cdot 10^1$	$-6.089(4) \cdot 10^2$	$-2.67(4) \cdot 10^4$	$9.088(1) \cdot 10^2$	$1.362(8) \cdot 10^4$	$1.150(1) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$4.1540(2) \cdot 10^1$	$-5.198(4) \cdot 10^2$	$-2.42(3) \cdot 10^4$	$8.3211(9) \cdot 10^2$	$1.362(7) \cdot 10^4$	$9.87(1) \cdot 10^3$
$1.18850 \cdot 10^{-3}$	$3.9898(2) \cdot 10^1$	$-4.382(3) \cdot 10^2$	$-2.19(3) \cdot 10^4$	$7.6033(8) \cdot 10^2$	$1.351(6) \cdot 10^4$	$8.46(1) \cdot 10^3$
$1.33352 \cdot 10^{-3}$	$3.8291(2) \cdot 10^1$	$-3.640(3) \cdot 10^2$	$-1.96(3) \cdot 10^4$	$6.9331(7) \cdot 10^2$	$1.323(6) \cdot 10^4$	$7.22(1) \cdot 10^3$
$1.49624 \cdot 10^{-3}$	$3.6718(2) \cdot 10^1$	$-2.967(3) \cdot 10^2$	$-1.77(3) \cdot 10^4$	$6.3084(7) \cdot 10^2$	$1.288(5) \cdot 10^4$	$6.115(9) \cdot 10^3$
$1.67880 \cdot 10^{-3}$	$3.5180(2) \cdot 10^1$	$-2.348(3) \cdot 10^2$	$-1.59(3) \cdot 10^4$	$5.7265(6) \cdot 10^2$	$1.236(5) \cdot 10^4$	$5.122(8) \cdot 10^3$
$1.88365 \cdot 10^{-3}$	$3.3675(2) \cdot 10^1$	$-1.790(2) \cdot 10^2$	$-1.44(3) \cdot 10^4$	$5.1863(5) \cdot 10^2$	$1.182(4) \cdot 10^4$	$4.320(7) \cdot 10^3$
$2.11349 \cdot 10^{-3}$	$3.2204(1) \cdot 10^1$	$-1.289(2) \cdot 10^2$	$-1.27(2) \cdot 10^4$	$4.6849(5) \cdot 10^2$	$1.121(4) \cdot 10^4$	$3.601(6) \cdot 10^3$
$2.37136 \cdot 10^{-3}$	$3.0768(1) \cdot 10^1$	$-8.39(2) \cdot 10^1$	$-1.12(2) \cdot 10^4$	$4.2206(4) \cdot 10^2$	$1.064(4) \cdot 10^4$	$2.829(5) \cdot 10^3$
$2.66073 \cdot 10^{-3}$	$2.9367(1) \cdot 10^1$	$-4.35(2) \cdot 10^1$	$-1.00(2) \cdot 10^4$	$3.7919(4) \cdot 10^2$	$9.95(3) \cdot 10^3$	$2.328(5) \cdot 10^3$
$2.98538 \cdot 10^{-3}$	$2.7998(1) \cdot 10^1$	$-8.3(2) \cdot 10^0$	$-8.7(2) \cdot 10^3$	$3.3963(4) \cdot 10^2$	$9.26(3) \cdot 10^3$	$1.922(4) \cdot 10^3$

Table 1: Perturbative coefficients for the Durham jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$2.6665(1) \cdot 10^1$	$2.29(1) \cdot 10^1$	$-7.3(2) \cdot 10^3$	$3.0325(3) \cdot 10^2$	$8.55(3) \cdot 10^3$	$1.556(4) \cdot 10^3$
$3.75837 \cdot 10^{-3}$	$2.53644(9) \cdot 10^1$	$4.98(1) \cdot 10^1$	$-6.3(2) \cdot 10^3$	$2.6985(3) \cdot 10^2$	$7.86(2) \cdot 10^3$	$1.224(3) \cdot 10^3$
$4.21696 \cdot 10^{-3}$	$2.40981(8) \cdot 10^1$	$7.31(1) \cdot 10^1$	$-5.3(2) \cdot 10^3$	$2.3929(3) \cdot 10^2$	$7.20(2) \cdot 10^3$	$9.62(3) \cdot 10^2$
$4.73151 \cdot 10^{-3}$	$2.28662(7) \cdot 10^1$	$9.29(1) \cdot 10^1$	$-4.3(2) \cdot 10^3$	$2.1141(2) \cdot 10^2$	$6.54(2) \cdot 10^3$	$7.67(2) \cdot 10^2$
$5.30884 \cdot 10^{-3}$	$2.16676(7) \cdot 10^1$	$1.094(1) \cdot 10^2$	$-3.5(1) \cdot 10^3$	$1.8600(2) \cdot 10^2$	$5.89(2) \cdot 10^3$	$5.97(2) \cdot 10^2$
$5.95662 \cdot 10^{-3}$	$2.05019(6) \cdot 10^1$	$1.228(1) \cdot 10^2$	$-2.8(1) \cdot 10^3$	$1.6296(2) \cdot 10^2$	$5.30(2) \cdot 10^3$	$4.48(1) \cdot 10^2$
$6.68344 \cdot 10^{-3}$	$1.93703(6) \cdot 10^1$	$1.3349(9) \cdot 10^2$	$-2.1(1) \cdot 10^3$	$1.4209(2) \cdot 10^2$	$4.69(1) \cdot 10^3$	$3.45(1) \cdot 10^2$
$7.49894 \cdot 10^{-3}$	$1.82719(5) \cdot 10^1$	$1.4172(8) \cdot 10^2$	$-1.4(1) \cdot 10^3$	$1.2330(1) \cdot 10^2$	$4.15(1) \cdot 10^3$	$3.671(1) \cdot 10^2$
$8.41395 \cdot 10^{-3}$	$1.72069(5) \cdot 10^1$	$1.4766(8) \cdot 10^2$	$-9(1) \cdot 10^2$	$1.0642(1) \cdot 10^2$	$3.64(1) \cdot 10^3$	$2.781(1) \cdot 10^2$
$9.44061 \cdot 10^{-3}$	$1.61751(5) \cdot 10^1$	$1.5138(7) \cdot 10^2$	$-5(1) \cdot 10^2$	$9.132(1) \cdot 10^1$	$3.20(1) \cdot 10^3$	$2.0765(8) \cdot 10^2$
$1.05925 \cdot 10^{-2}$	$1.51764(4) \cdot 10^1$	$1.5326(7) \cdot 10^2$	$-0(1) \cdot 10^1$	$7.786(1) \cdot 10^1$	$2.754(9) \cdot 10^3$	$1.5253(6) \cdot 10^2$
$1.18850 \cdot 10^{-2}$	$1.42109(4) \cdot 10^1$	$1.5348(6) \cdot 10^2$	$3.0(9) \cdot 10^2$	$6.5931(9) \cdot 10^1$	$2.353(7) \cdot 10^3$	$1.0994(5) \cdot 10^2$
$1.33352 \cdot 10^{-2}$	$1.32786(4) \cdot 10^1$	$1.5210(6) \cdot 10^2$	$5.2(8) \cdot 10^2$	$5.5409(8) \cdot 10^1$	$1.996(7) \cdot 10^3$	$7.763(4) \cdot 10^1$
$1.49624 \cdot 10^{-2}$	$1.23786(3) \cdot 10^1$	$1.4941(5) \cdot 10^2$	$8.5(8) \cdot 10^2$	$4.6184(7) \cdot 10^1$	$1.675(6) \cdot 10^3$	$5.348(3) \cdot 10^1$
$1.67880 \cdot 10^{-2}$	$1.15113(3) \cdot 10^1$	$1.4555(5) \cdot 10^2$	$9.9(7) \cdot 10^2$	$3.8146(6) \cdot 10^1$	$1.404(5) \cdot 10^3$	$3.579(2) \cdot 10^1$
$1.88365 \cdot 10^{-2}$	$1.06762(3) \cdot 10^1$	$1.4075(4) \cdot 10^2$	$1.07(7) \cdot 10^3$	$3.1189(5) \cdot 10^1$	$1.152(4) \cdot 10^3$	$2.320(2) \cdot 10^1$
$2.11349 \cdot 10^{-2}$	$9.8736(2) \cdot 10^0$	$1.3501(4) \cdot 10^2$	$1.15(6) \cdot 10^3$	$2.5216(4) \cdot 10^1$	$9.36(4) \cdot 10^2$	$1.444(1) \cdot 10^1$
$2.37137 \cdot 10^{-2}$	$9.1033(2) \cdot 10^0$	$1.2858(3) \cdot 10^2$	$1.23(6) \cdot 10^3$	$2.0127(4) \cdot 10^1$	$7.72(3) \cdot 10^2$	$8.587(9) \cdot 10^0$
$2.66073 \cdot 10^{-2}$	$8.3651(2) \cdot 10^0$	$1.2159(3) \cdot 10^2$	$1.20(5) \cdot 10^3$	$1.5831(3) \cdot 10^1$	$6.36(3) \cdot 10^2$	$4.806(6) \cdot 10^0$
$2.98538 \cdot 10^{-2}$	$7.6585(2) \cdot 10^0$	$1.1413(3) \cdot 10^2$	$1.19(5) \cdot 10^3$	$1.2247(3) \cdot 10^1$	$4.94(2) \cdot 10^2$	$2.471(4) \cdot 10^0$
$3.34965 \cdot 10^{-2}$	$6.9837(2) \cdot 10^0$	$1.0634(3) \cdot 10^2$	$1.10(4) \cdot 10^3$	$9.293(2) \cdot 10^0$	$3.70(2) \cdot 10^2$	$1.134(2) \cdot 10^0$
$3.75837 \cdot 10^{-2}$	$6.3405(2) \cdot 10^0$	$9.833(2) \cdot 10^1$	$1.09(4) \cdot 10^3$	$6.895(2) \cdot 10^0$	$2.76(1) \cdot 10^2$	$4.11(1) \cdot 10^{-1}$
$4.21697 \cdot 10^{-2}$	$5.7285(1) \cdot 10^0$	$9.023(2) \cdot 10^1$	$1.05(4) \cdot 10^3$	$4.982(2) \cdot 10^0$	$2.08(1) \cdot 10^2$	$7.08(4) \cdot 10^{-2}$
$4.73151 \cdot 10^{-2}$	$5.1474(1) \cdot 10^0$	$8.210(2) \cdot 10^1$	$9.5(3) \cdot 10^2$	$3.487(1) \cdot 10^0$	$1.457(9) \cdot 10^2$	$1.4(1) \cdot 10^{-4}$
$5.30884 \cdot 10^{-2}$	$4.5974(1) \cdot 10^0$	$7.404(2) \cdot 10^1$	$8.7(3) \cdot 10^2$	$2.346(1) \cdot 10^0$	$9.91(7) \cdot 10^1$	$7(4) \cdot 10^{-8}$
$5.95662 \cdot 10^{-2}$	$4.0781(1) \cdot 10^0$	$6.615(2) \cdot 10^1$	$7.8(3) \cdot 10^2$	$1.5041(8) \cdot 10^0$	$1.97(3) \cdot 10^1$	$4(4) \cdot 10^{-11}$
$6.68344 \cdot 10^{-2}$	$3.58916(9) \cdot 10^0$	$5.843(1) \cdot 10^1$	$6.4(3) \cdot 10^2$	$9.067(6) \cdot 10^{-1}$	$1.51(2) \cdot 10^1$	$2.7(7) \cdot 10^{-7}$
$7.49894 \cdot 10^{-2}$	$3.13048(8) \cdot 10^0$	$5.104(1) \cdot 10^1$	$5.7(2) \cdot 10^2$	$5.031(4) \cdot 10^{-1}$	$-4.0(4) \cdot 10^{-1}$	0
$8.41395 \cdot 10^{-2}$	$2.70194(8) \cdot 10^0$	$4.405(1) \cdot 10^1$	$5.0(2) \cdot 10^2$	$2.492(3) \cdot 10^{-1}$	$3.7(3) \cdot 10^{-1}$	0
$9.44061 \cdot 10^{-2}$	$2.30342(7) \cdot 10^0$	$3.745(1) \cdot 10^1$	$4.3(2) \cdot 10^2$	$1.053(2) \cdot 10^{-1}$	$4.8(2) \cdot 10^{-2}$	0
$1.05925 \cdot 10^{-1}$	$1.93476(6) \cdot 10^0$	$3.128(1) \cdot 10^1$	$3.4(2) \cdot 10^2$	$3.46(1) \cdot 10^{-2}$	$-3.25(2) \cdot 10^{-2}$	0
$1.18850 \cdot 10^{-1}$	$1.59600(5) \cdot 10^0$	$2.5608(9) \cdot 10^1$	$2.7(1) \cdot 10^2$	$6.91(4) \cdot 10^{-3}$	$-5.99(8) \cdot 10^{-3}$	0
$1.33352 \cdot 10^{-1}$	$1.28725(5) \cdot 10^0$	$2.0474(8) \cdot 10^1$	$2.1(1) \cdot 10^2$	$3.29(6) \cdot 10^{-4}$	$-3.2(1) \cdot 10^{-3}$	0
$1.49624 \cdot 10^{-1}$	$1.00860(4) \cdot 10^0$	$1.5892(7) \cdot 10^1$	$1.7(1) \cdot 10^2$	$1.3(1) \cdot 10^{-4}$	$-3.4(7) \cdot 10^{-3}$	0
$1.67880 \cdot 10^{-1}$	$7.6047(4) \cdot 10^{-1}$	$1.1837(6) \cdot 10^1$	$1.21(9) \cdot 10^2$	0	0	0
$1.88365 \cdot 10^{-1}$	$5.4369(3) \cdot 10^{-1}$	$8.343(5) \cdot 10^0$	$8.0(7) \cdot 10^1$	0	0	0
$2.11349 \cdot 10^{-1}$	$3.5939(2) \cdot 10^{-1}$	$5.398(5) \cdot 10^0$	$4.8(6) \cdot 10^1$	0	0	0
$2.37137 \cdot 10^{-1}$	$2.0932(2) \cdot 10^{-1}$	$3.023(4) \cdot 10^0$	$2.9(4) \cdot 10^1$	0	0	0
$2.66073 \cdot 10^{-1}$	$9.624(1) \cdot 10^{-2}$	$1.250(3) \cdot 10^0$	$5(3) \cdot 10^0$	0	0	0
$2.98538 \cdot 10^{-1}$	$2.4357(6) \cdot 10^{-2}$	$1.59(2) \cdot 10^{-1}$	$-6(1) \cdot 10^0$	0	0	0
$3.34965 \cdot 10^{-1}$	0	0	0	0	0	0
$3.75837 \cdot 10^{-1}$	0	0	0	0	0	0
$4.21697 \cdot 10^{-1}$	0	0	0	0	0	0
$4.73151 \cdot 10^{-1}$	0	0	0	0	0	0
$5.30884 \cdot 10^{-1}$	0	0	0	0	0	0
$5.95662 \cdot 10^{-1}$	0	0	0	0	0	0
$6.68344 \cdot 10^{-1}$	0	0	0	0	0	0
$7.49894 \cdot 10^{-1}$	0	0	0	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 2: Perturbative coefficients for the Durham jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$3.366(1) \cdot 10^2$	$-1.241(1) \cdot 10^5$	$1.661(5) \cdot 10^7$	$8.486(7) \cdot 10^4$	$-3.395(4) \cdot 10^7$	$1.924(2) \cdot 10^7$
$1.18850 \cdot 10^{-5}$	$3.297(1) \cdot 10^2$	$-1.191(1) \cdot 10^5$	$1.550(4) \cdot 10^7$	$8.174(7) \cdot 10^4$	$-3.200(4) \cdot 10^7$	$1.826(2) \cdot 10^7$
$1.33352 \cdot 10^{-5}$	$3.228(1) \cdot 10^2$	$-1.1435(9) \cdot 10^5$	$1.445(4) \cdot 10^7$	$7.869(6) \cdot 10^4$	$-3.016(4) \cdot 10^7$	$1.729(2) \cdot 10^7$
$1.49624 \cdot 10^{-5}$	$3.161(1) \cdot 10^2$	$-1.0965(9) \cdot 10^5$	$1.347(4) \cdot 10^7$	$7.565(6) \cdot 10^4$	$-2.846(4) \cdot 10^7$	$1.637(2) \cdot 10^7$
$1.67880 \cdot 10^{-5}$	$3.094(1) \cdot 10^2$	$-1.0507(9) \cdot 10^5$	$1.256(4) \cdot 10^7$	$7.271(6) \cdot 10^4$	$-2.676(3) \cdot 10^7$	$1.547(1) \cdot 10^7$
$1.88365 \cdot 10^{-5}$	$3.027(1) \cdot 10^2$	$-1.0070(8) \cdot 10^5$	$1.167(3) \cdot 10^7$	$6.986(6) \cdot 10^4$	$-2.513(3) \cdot 10^7$	$1.459(1) \cdot 10^7$
$2.11349 \cdot 10^{-5}$	$2.962(1) \cdot 10^2$	$-9.641(8) \cdot 10^4$	$1.086(3) \cdot 10^7$	$6.704(5) \cdot 10^4$	$-2.354(3) \cdot 10^7$	$1.375(1) \cdot 10^7$
$2.37137 \cdot 10^{-5}$	$2.897(1) \cdot 10^2$	$-9.225(7) \cdot 10^4$	$1.003(3) \cdot 10^7$	$6.430(5) \cdot 10^4$	$-2.203(3) \cdot 10^7$	$1.293(1) \cdot 10^7$
$2.66073 \cdot 10^{-5}$	$2.833(1) \cdot 10^2$	$-8.822(7) \cdot 10^4$	$9.25(3) \cdot 10^6$	$6.164(5) \cdot 10^4$	$-2.062(3) \cdot 10^7$	$1.217(1) \cdot 10^7$
$2.98538 \cdot 10^{-5}$	$2.7699(9) \cdot 10^2$	$-8.428(7) \cdot 10^4$	$8.55(3) \cdot 10^6$	$5.905(5) \cdot 10^4$	$-1.928(2) \cdot 10^7$	$1.143(1) \cdot 10^7$
$3.34965 \cdot 10^{-5}$	$2.7075(9) \cdot 10^2$	$-8.053(7) \cdot 10^4$	$7.89(2) \cdot 10^6$	$5.657(4) \cdot 10^4$	$-1.797(2) \cdot 10^7$	$1.0714(9) \cdot 10^7$
$3.75837 \cdot 10^{-5}$	$2.6457(9) \cdot 10^2$	$-7.684(6) \cdot 10^4$	$7.30(2) \cdot 10^6$	$5.410(4) \cdot 10^4$	$-1.674(2) \cdot 10^7$	$1.0029(9) \cdot 10^7$
$4.21696 \cdot 10^{-5}$	$2.5846(9) \cdot 10^2$	$-7.331(6) \cdot 10^4$	$6.69(2) \cdot 10^6$	$5.171(4) \cdot 10^4$	$-1.557(2) \cdot 10^7$	$9.380(8) \cdot 10^6$
$4.73150 \cdot 10^{-5}$	$2.5242(9) \cdot 10^2$	$-6.981(6) \cdot 10^4$	$6.15(2) \cdot 10^6$	$4.942(4) \cdot 10^4$	$-1.447(2) \cdot 10^7$	$8.754(7) \cdot 10^6$
$5.30884 \cdot 10^{-5}$	$2.4644(8) \cdot 10^2$	$-6.645(5) \cdot 10^4$	$5.62(2) \cdot 10^6$	$4.715(4) \cdot 10^4$	$-1.341(2) \cdot 10^7$	$8.170(7) \cdot 10^6$
$5.95662 \cdot 10^{-5}$	$2.4054(8) \cdot 10^2$	$-6.325(5) \cdot 10^4$	$5.14(2) \cdot 10^6$	$4.499(3) \cdot 10^4$	$-1.242(2) \cdot 10^7$	$7.608(6) \cdot 10^6$
$6.68344 \cdot 10^{-5}$	$2.3472(8) \cdot 10^2$	$-6.007(5) \cdot 10^4$	$4.69(2) \cdot 10^6$	$4.287(3) \cdot 10^4$	$-1.151(1) \cdot 10^7$	$7.084(6) \cdot 10^6$
$7.49894 \cdot 10^{-5}$	$2.2897(8) \cdot 10^2$	$-5.703(5) \cdot 10^4$	$4.28(2) \cdot 10^6$	$4.082(3) \cdot 10^4$	$-1.063(1) \cdot 10^7$	$6.583(5) \cdot 10^6$
$8.41395 \cdot 10^{-5}$	$2.2330(8) \cdot 10^2$	$-5.408(4) \cdot 10^4$	$3.88(1) \cdot 10^6$	$3.883(3) \cdot 10^4$	$-9.80(1) \cdot 10^6$	$6.102(5) \cdot 10^6$
$9.44061 \cdot 10^{-5}$	$2.1770(8) \cdot 10^2$	$-5.126(4) \cdot 10^4$	$3.54(1) \cdot 10^6$	$3.691(3) \cdot 10^4$	$-9.04(1) \cdot 10^6$	$5.652(5) \cdot 10^6$
$1.05925 \cdot 10^{-4}$	$2.1218(7) \cdot 10^2$	$-4.855(4) \cdot 10^4$	$3.19(1) \cdot 10^6$	$3.506(3) \cdot 10^4$	$-8.30(1) \cdot 10^6$	$5.225(4) \cdot 10^6$
$1.18850 \cdot 10^{-4}$	$2.0670(7) \cdot 10^2$	$-4.596(4) \cdot 10^4$	$2.89(1) \cdot 10^6$	$3.326(2) \cdot 10^4$	$-7.63(1) \cdot 10^6$	$4.825(4) \cdot 10^6$
$1.33352 \cdot 10^{-4}$	$2.0131(7) \cdot 10^2$	$-4.347(4) \cdot 10^4$	$2.62(1) \cdot 10^6$	$3.153(2) \cdot 10^4$	$-6.998(9) \cdot 10^6$	$4.452(3) \cdot 10^6$
$1.49624 \cdot 10^{-4}$	$1.9599(7) \cdot 10^2$	$-4.103(3) \cdot 10^4$	$2.37(1) \cdot 10^6$	$2.986(2) \cdot 10^4$	$-6.403(8) \cdot 10^6$	$4.100(3) \cdot 10^6$
$1.67880 \cdot 10^{-4}$	$1.9071(7) \cdot 10^2$	$-3.873(3) \cdot 10^4$	$2.104(9) \cdot 10^6$	$2.825(2) \cdot 10^4$	$-5.846(7) \cdot 10^6$	$3.771(3) \cdot 10^6$
$1.88365 \cdot 10^{-4}$	$1.8552(7) \cdot 10^2$	$-3.653(3) \cdot 10^4$	$1.885(9) \cdot 10^6$	$2.670(2) \cdot 10^4$	$-5.332(7) \cdot 10^6$	$3.461(3) \cdot 10^6$
$2.11349 \cdot 10^{-4}$	$1.8039(6) \cdot 10^2$	$-3.437(3) \cdot 10^4$	$1.683(8) \cdot 10^6$	$2.523(2) \cdot 10^4$	$-4.854(6) \cdot 10^6$	$3.172(2) \cdot 10^6$
$2.37137 \cdot 10^{-4}$	$1.7534(6) \cdot 10^2$	$-3.235(3) \cdot 10^4$	$1.486(7) \cdot 10^6$	$2.381(2) \cdot 10^4$	$-4.408(6) \cdot 10^6$	$2.901(2) \cdot 10^6$
$2.66073 \cdot 10^{-4}$	$1.7033(6) \cdot 10^2$	$-3.040(2) \cdot 10^4$	$1.329(7) \cdot 10^6$	$2.244(1) \cdot 10^4$	$-3.999(5) \cdot 10^6$	$2.648(2) \cdot 10^6$
$2.98538 \cdot 10^{-4}$	$1.6542(6) \cdot 10^2$	$-2.852(2) \cdot 10^4$	$1.164(6) \cdot 10^6$	$2.113(1) \cdot 10^4$	$-3.619(5) \cdot 10^6$	$2.415(2) \cdot 10^6$
$3.34965 \cdot 10^{-4}$	$1.6054(6) \cdot 10^2$	$-2.673(2) \cdot 10^4$	$1.019(6) \cdot 10^6$	$1.989(1) \cdot 10^4$	$-3.267(4) \cdot 10^6$	$2.197(2) \cdot 10^6$
$3.75837 \cdot 10^{-4}$	$1.5578(5) \cdot 10^2$	$-2.504(2) \cdot 10^4$	$8.82(5) \cdot 10^5$	$1.869(1) \cdot 10^4$	$-2.943(4) \cdot 10^6$	$1.997(1) \cdot 10^6$
$4.21697 \cdot 10^{-4}$	$1.5108(5) \cdot 10^2$	$-2.342(2) \cdot 10^4$	$7.74(5) \cdot 10^5$	$1.755(1) \cdot 10^4$	$-2.649(4) \cdot 10^6$	$1.813(1) \cdot 10^6$
$4.73151 \cdot 10^{-4}$	$1.4647(5) \cdot 10^2$	$-2.188(2) \cdot 10^4$	$6.74(5) \cdot 10^5$	$1.6471(9) \cdot 10^4$	$-2.381(3) \cdot 10^6$	$1.642(1) \cdot 10^6$
$5.30884 \cdot 10^{-4}$	$1.4190(5) \cdot 10^2$	$-2.038(2) \cdot 10^4$	$5.80(4) \cdot 10^5$	$1.5437(8) \cdot 10^4$	$-2.131(3) \cdot 10^6$	$1.485(1) \cdot 10^6$
$5.95662 \cdot 10^{-4}$	$1.3742(5) \cdot 10^2$	$-1.897(1) \cdot 10^4$	$4.97(4) \cdot 10^5$	$1.4449(7) \cdot 10^4$	$-1.903(3) \cdot 10^6$	$1.341(1) \cdot 10^6$
$6.68344 \cdot 10^{-4}$	$1.3299(5) \cdot 10^2$	$-1.764(1) \cdot 10^4$	$4.20(4) \cdot 10^5$	$1.3506(7) \cdot 10^4$	$-1.695(2) \cdot 10^6$	$1.2080(9) \cdot 10^6$
$7.49894 \cdot 10^{-4}$	$1.2864(4) \cdot 10^2$	$-1.640(1) \cdot 10^4$	$3.57(3) \cdot 10^5$	$1.2614(6) \cdot 10^4$	$-1.508(2) \cdot 10^6$	$1.0858(8) \cdot 10^6$
$8.41395 \cdot 10^{-4}$	$1.2434(4) \cdot 10^2$	$-1.519(1) \cdot 10^4$	$2.97(3) \cdot 10^5$	$1.1771(5) \cdot 10^4$	$-1.337(2) \cdot 10^6$	$9.742(7) \cdot 10^5$
$9.44061 \cdot 10^{-4}$	$1.2015(4) \cdot 10^2$	$-1.409(1) \cdot 10^4$	$2.49(3) \cdot 10^5$	$1.0969(5) \cdot 10^4$	$-1.183(2) \cdot 10^6$	$8.717(6) \cdot 10^5$
$1.05925 \cdot 10^{-3}$	$1.1602(4) \cdot 10^2$	$-1.300(1) \cdot 10^4$	$2.00(3) \cdot 10^5$	$1.0204(4) \cdot 10^4$	$-1.043(2) \cdot 10^6$	$7.786(6) \cdot 10^5$
$1.18850 \cdot 10^{-3}$	$1.1196(4) \cdot 10^2$	$-1.2001(9) \cdot 10^4$	$1.60(2) \cdot 10^5$	$9.483(4) \cdot 10^3$	$-9.16(1) \cdot 10^5$	$6.946(5) \cdot 10^5$
$1.33352 \cdot 10^{-3}$	$1.0795(4) \cdot 10^2$	$-1.1045(8) \cdot 10^4$	$1.26(2) \cdot 10^5$	$8.798(3) \cdot 10^3$	$-8.00(1) \cdot 10^5$	$6.176(5) \cdot 10^5$
$1.49624 \cdot 10^{-3}$	$1.0403(3) \cdot 10^2$	$-1.0148(8) \cdot 10^4$	$9.1(2) \cdot 10^4$	$8.155(3) \cdot 10^3$	$-6.96(1) \cdot 10^5$	$5.481(4) \cdot 10^5$
$1.67880 \cdot 10^{-3}$	$1.0018(3) \cdot 10^2$	$-9.305(7) \cdot 10^3$	$6.5(2) \cdot 10^4$	$7.543(3) \cdot 10^3$	$-6.04(1) \cdot 10^5$	$4.850(4) \cdot 10^5$
$1.88365 \cdot 10^{-3}$	$9.640(3) \cdot 10^1$	$-8.519(6) \cdot 10^3$	$4.0(2) \cdot 10^4$	$6.969(2) \cdot 10^3$	$-5.23(1) \cdot 10^5$	$4.280(3) \cdot 10^5$
$2.11349 \cdot 10^{-3}$	$9.268(3) \cdot 10^1$	$-7.776(6) \cdot 10^3$	$2.4(2) \cdot 10^4$	$6.426(2) \cdot 10^3$	$-4.498(9) \cdot 10^5$	$3.771(3) \cdot 10^5$
$2.37136 \cdot 10^{-3}$	$8.903(3) \cdot 10^1$	$-7.082(5) \cdot 10^3$	$8(2) \cdot 10^3$	$5.913(2) \cdot 10^3$	$-3.846(8) \cdot 10^5$	$3.308(3) \cdot 10^5$
$2.66073 \cdot 10^{-3}$	$8.546(2) \cdot 10^1$	$-6.445(5) \cdot 10^3$	$-4(1) \cdot 10^3$	$5.432(1) \cdot 10^3$	$-3.276(7) \cdot 10^5$	$2.894(2) \cdot 10^5$
$2.98538 \cdot 10^{-3}$	$8.199(2) \cdot 10^1$	$-5.846(4) \cdot 10^3$	$-1.5(1) \cdot 10^4$	$4.980(1) \cdot 10^3$	$-2.770(6) \cdot 10^5$	$2.523(2) \cdot 10^5$

Table 3: Perturbative coefficients for the Geneva jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$7.854(2) \cdot 10^1$	$-5.290(4) \cdot 10^3$	$-2.2(1) \cdot 10^4$	$4.555(1) \cdot 10^3$	$-2.328(6) \cdot 10^5$	$2.197(2) \cdot 10^5$
$3.75837 \cdot 10^{-3}$	$7.518(2) \cdot 10^1$	$-4.764(3) \cdot 10^3$	$-2.9(1) \cdot 10^4$	$4.158(1) \cdot 10^3$	$-1.944(5) \cdot 10^5$	$1.902(2) \cdot 10^5$
$4.21696 \cdot 10^{-3}$	$7.189(2) \cdot 10^1$	$-4.287(3) \cdot 10^3$	$-3.4(1) \cdot 10^4$	$3.7844(9) \cdot 10^3$	$-1.611(4) \cdot 10^5$	$1.641(1) \cdot 10^5$
$4.73151 \cdot 10^{-3}$	$6.869(2) \cdot 10^1$	$-3.840(3) \cdot 10^3$	$-3.54(9) \cdot 10^4$	$3.4362(8) \cdot 10^3$	$-1.325(4) \cdot 10^5$	$1.410(1) \cdot 10^5$
$5.30884 \cdot 10^{-3}$	$6.555(1) \cdot 10^1$	$-3.430(2) \cdot 10^3$	$-3.74(9) \cdot 10^4$	$3.1103(7) \cdot 10^3$	$-1.076(3) \cdot 10^5$	$1.207(1) \cdot 10^5$
$5.95662 \cdot 10^{-3}$	$6.248(1) \cdot 10^1$	$-3.053(2) \cdot 10^3$	$-3.88(8) \cdot 10^4$	$2.8084(6) \cdot 10^3$	$-8.60(3) \cdot 10^4$	$1.0255(9) \cdot 10^5$
$6.68344 \cdot 10^{-3}$	$5.948(1) \cdot 10^1$	$-2.706(2) \cdot 10^3$	$-3.80(7) \cdot 10^4$	$2.5288(5) \cdot 10^3$	$-6.85(3) \cdot 10^4$	$8.687(8) \cdot 10^4$
$7.49894 \cdot 10^{-3}$	$5.6566(9) \cdot 10^1$	$-2.386(1) \cdot 10^3$	$-3.73(7) \cdot 10^4$	$2.2698(4) \cdot 10^3$	$-5.32(2) \cdot 10^4$	$7.314(7) \cdot 10^4$
$8.41395 \cdot 10^{-3}$	$5.3731(7) \cdot 10^1$	$-2.098(1) \cdot 10^3$	$-3.75(6) \cdot 10^4$	$2.0310(4) \cdot 10^3$	$-4.05(2) \cdot 10^4$	$6.137(6) \cdot 10^4$
$9.44061 \cdot 10^{-3}$	$5.0964(5) \cdot 10^1$	$-1.832(1) \cdot 10^3$	$-3.59(6) \cdot 10^4$	$1.8115(3) \cdot 10^3$	$-3.01(2) \cdot 10^4$	$5.120(5) \cdot 10^4$
$1.05925 \cdot 10^{-2}$	$4.8258(4) \cdot 10^1$	$-1.5817(9) \cdot 10^3$	$-3.51(5) \cdot 10^4$	$1.6100(3) \cdot 10^3$	$-2.15(2) \cdot 10^4$	$4.243(4) \cdot 10^4$
$1.18850 \cdot 10^{-2}$	$4.5609(3) \cdot 10^1$	$-1.3571(8) \cdot 10^3$	$-3.21(5) \cdot 10^4$	$1.4250(2) \cdot 10^3$	$-1.46(1) \cdot 10^4$	$3.491(4) \cdot 10^4$
$1.33352 \cdot 10^{-2}$	$4.3015(3) \cdot 10^1$	$-1.1535(7) \cdot 10^3$	$-2.96(4) \cdot 10^4$	$1.2560(2) \cdot 10^3$	$-9.2(1) \cdot 10^3$	$2.842(3) \cdot 10^4$
$1.49624 \cdot 10^{-2}$	$4.0490(2) \cdot 10^1$	$-9.705(6) \cdot 10^2$	$-2.75(4) \cdot 10^4$	$1.1020(2) \cdot 10^3$	$-4.7(1) \cdot 10^3$	$2.294(3) \cdot 10^4$
$1.67880 \cdot 10^{-2}$	$3.8032(2) \cdot 10^1$	$-8.082(6) \cdot 10^2$	$-2.51(4) \cdot 10^4$	$9.620(1) \cdot 10^2$	$-1.46(9) \cdot 10^3$	$1.837(2) \cdot 10^4$
$1.88365 \cdot 10^{-2}$	$3.5647(2) \cdot 10^1$	$-6.626(5) \cdot 10^2$	$-2.27(3) \cdot 10^4$	$8.353(1) \cdot 10^2$	$1.11(8) \cdot 10^3$	$1.460(2) \cdot 10^4$
$2.11349 \cdot 10^{-2}$	$3.3332(2) \cdot 10^1$	$-5.345(5) \cdot 10^2$	$-2.03(3) \cdot 10^4$	$7.2104(9) \cdot 10^2$	$2.77(7) \cdot 10^3$	$1.146(2) \cdot 10^4$
$2.37137 \cdot 10^{-2}$	$3.1085(2) \cdot 10^1$	$-4.222(4) \cdot 10^2$	$-1.76(3) \cdot 10^4$	$6.1836(8) \cdot 10^2$	$3.93(6) \cdot 10^3$	$8.84(1) \cdot 10^3$
$2.66073 \cdot 10^{-2}$	$2.8909(2) \cdot 10^1$	$-3.245(4) \cdot 10^2$	$-1.53(2) \cdot 10^4$	$5.2655(7) \cdot 10^2$	$4.63(5) \cdot 10^3$	$6.76(1) \cdot 10^3$
$2.98538 \cdot 10^{-2}$	$2.6802(1) \cdot 10^1$	$-2.410(3) \cdot 10^2$	$-1.32(2) \cdot 10^4$	$4.4492(5) \cdot 10^2$	$4.94(4) \cdot 10^3$	$5.070(9) \cdot 10^3$
$3.34965 \cdot 10^{-2}$	$2.4765(1) \cdot 10^1$	$-1.689(3) \cdot 10^2$	$-1.13(2) \cdot 10^4$	$3.7277(5) \cdot 10^2$	$4.97(3) \cdot 10^3$	$3.760(7) \cdot 10^3$
$3.75837 \cdot 10^{-2}$	$2.2796(1) \cdot 10^1$	$-1.087(2) \cdot 10^2$	$-9.2(2) \cdot 10^3$	$3.0935(4) \cdot 10^2$	$4.81(3) \cdot 10^3$	$2.695(6) \cdot 10^3$
$4.21697 \cdot 10^{-2}$	$2.08988(9) \cdot 10^1$	$-5.97(2) \cdot 10^1$	$-7.6(2) \cdot 10^3$	$2.5399(3) \cdot 10^2$	$4.40(2) \cdot 10^3$	$1.911(4) \cdot 10^3$
$4.73151 \cdot 10^{-2}$	$1.90712(7) \cdot 10^1$	$-1.96(1) \cdot 10^1$	$-6.2(1) \cdot 10^3$	$2.0605(3) \cdot 10^2$	$3.99(2) \cdot 10^3$	$1.340(3) \cdot 10^3$
$5.30884 \cdot 10^{-2}$	$1.73144(5) \cdot 10^1$	$1.25(1) \cdot 10^1$	$-4.9(1) \cdot 10^3$	$1.6487(2) \cdot 10^2$	$3.48(2) \cdot 10^3$	$7.72(2) \cdot 10^2$
$5.95662 \cdot 10^{-2}$	$1.56272(5) \cdot 10^1$	$3.70(1) \cdot 10^1$	$-3.8(1) \cdot 10^3$	$1.2983(2) \cdot 10^2$	$2.96(1) \cdot 10^3$	$3.24(1) \cdot 10^2$
$6.68344 \cdot 10^{-2}$	$1.40105(4) \cdot 10^1$	$5.490(8) \cdot 10^1$	$-2.8(1) \cdot 10^3$	$1.0036(1) \cdot 10^2$	$2.45(1) \cdot 10^3$	$2.59(1) \cdot 10^2$
$7.49894 \cdot 10^{-2}$	$1.24652(3) \cdot 10^1$	$6.670(7) \cdot 10^1$	$-2.07(8) \cdot 10^3$	$7.594(1) \cdot 10^1$	$1.971(9) \cdot 10^3$	$6.38(5) \cdot 10^1$
$8.41395 \cdot 10^{-2}$	$1.09926(3) \cdot 10^1$	$7.327(6) \cdot 10^1$	$-1.34(7) \cdot 10^3$	$5.5967(8) \cdot 10^1$	$1.528(7) \cdot 10^3$	$1.6229(7) \cdot 10^2$
$9.44061 \cdot 10^{-2}$	$9.5926(3) \cdot 10^0$	$7.556(5) \cdot 10^1$	$-9.0(6) \cdot 10^2$	$3.9967(7) \cdot 10^1$	$1.129(5) \cdot 10^3$	$8.741(4) \cdot 10^1$
$1.05925 \cdot 10^{-1}$	$8.2670(2) \cdot 10^0$	$7.419(4) \cdot 10^1$	$-5.3(6) \cdot 10^2$	$2.7431(5) \cdot 10^1$	$8.07(4) \cdot 10^2$	$4.285(3) \cdot 10^1$
$1.18850 \cdot 10^{-1}$	$7.0166(2) \cdot 10^0$	$6.975(3) \cdot 10^1$	$-1.8(5) \cdot 10^2$	$1.7910(4) \cdot 10^1$	$5.43(3) \cdot 10^2$	$1.846(1) \cdot 10^1$
$1.33352 \cdot 10^{-1}$	$5.8430(2) \cdot 10^0$	$6.307(3) \cdot 10^1$	$-8(4) \cdot 10^1$	$1.0947(3) \cdot 10^1$	$3.68(2) \cdot 10^2$	$6.580(8) \cdot 10^0$
$1.49624 \cdot 10^{-1}$	$4.7490(1) \cdot 10^0$	$5.458(2) \cdot 10^1$	$4(3) \cdot 10^1$	$6.113(2) \cdot 10^0$	$2.04(1) \cdot 10^2$	$1.758(3) \cdot 10^0$
$1.67880 \cdot 10^{-1}$	$3.7373(1) \cdot 10^0$	$4.512(2) \cdot 10^1$	$1.2(3) \cdot 10^2$	$3.003(1) \cdot 10^0$	$1.084(8) \cdot 10^2$	$1.071(6) \cdot 10^{-1}$
$1.88365 \cdot 10^{-1}$	$2.81231(8) \cdot 10^0$	$3.507(1) \cdot 10^1$	$1.0(2) \cdot 10^2$	$1.2181(7) \cdot 10^0$	$2.67(3) \cdot 10^1$	$9(7) \cdot 10^{-9}$
$2.11349 \cdot 10^{-1}$	$1.98036(7) \cdot 10^0$	$2.514(1) \cdot 10^1$	$1.1(2) \cdot 10^2$	$3.688(4) \cdot 10^{-1}$	$1.21(5) \cdot 10^0$	$8(6) \cdot 10^{-9}$
$2.37137 \cdot 10^{-1}$	$1.25115(5) \cdot 10^0$	$1.5947(7) \cdot 10^1$	$6(1) \cdot 10^1$	$6.65(1) \cdot 10^{-2}$	$-5.6(8) \cdot 10^{-3}$	0
$2.66073 \cdot 10^{-1}$	$6.4226(3) \cdot 10^{-1}$	$8.095(5) \cdot 10^0$	$3.7(7) \cdot 10^1$	$1.35(1) \cdot 10^{-3}$	$-3.52(7) \cdot 10^{-3}$	0
$2.98538 \cdot 10^{-1}$	$1.9075(2) \cdot 10^{-1}$	$2.284(3) \cdot 10^0$	$6(4) \cdot 10^0$	0	0	0
$3.34965 \cdot 10^{-1}$	0	0	0	0	0	0
$3.75837 \cdot 10^{-1}$	0	0	0	0	0	0
$4.21697 \cdot 10^{-1}$	0	0	0	0	0	0
$4.73151 \cdot 10^{-1}$	0	0	0	0	0	0
$5.30884 \cdot 10^{-1}$	0	0	0	0	0	0
$5.95662 \cdot 10^{-1}$	0	0	0	0	0	0
$6.68344 \cdot 10^{-1}$	0	0	0	0	0	0
$7.49894 \cdot 10^{-1}$	0	0	0	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 4: Perturbative coefficients for the Geneva jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$3.028(1) \cdot 10^2$	$-6.834(7) \cdot 10^4$	$5.25(3) \cdot 10^6$	$3.508(2) \cdot 10^4$	$-6.48(1) \cdot 10^6$	$2.936(3) \cdot 10^6$
$1.18850 \cdot 10^{-5}$	$2.962(1) \cdot 10^2$	$-6.519(6) \cdot 10^4$	$4.84(2) \cdot 10^6$	$3.352(2) \cdot 10^4$	$-5.99(1) \cdot 10^6$	$2.733(3) \cdot 10^6$
$1.33352 \cdot 10^{-5}$	$2.898(1) \cdot 10^2$	$-6.213(6) \cdot 10^4$	$4.42(2) \cdot 10^6$	$3.201(2) \cdot 10^4$	$-5.524(9) \cdot 10^6$	$2.541(2) \cdot 10^6$
$1.49624 \cdot 10^{-5}$	$2.833(1) \cdot 10^2$	$-5.916(6) \cdot 10^4$	$4.02(2) \cdot 10^6$	$3.056(1) \cdot 10^4$	$-5.096(8) \cdot 10^6$	$2.362(2) \cdot 10^6$
$1.67880 \cdot 10^{-5}$	$2.7701(9) \cdot 10^2$	$-5.630(6) \cdot 10^4$	$3.66(2) \cdot 10^6$	$2.915(1) \cdot 10^4$	$-4.699(8) \cdot 10^6$	$2.194(2) \cdot 10^6$
$1.88365 \cdot 10^{-5}$	$2.7077(9) \cdot 10^2$	$-5.352(5) \cdot 10^4$	$3.35(2) \cdot 10^6$	$2.779(1) \cdot 10^4$	$-4.322(7) \cdot 10^6$	$2.034(2) \cdot 10^6$
$2.11349 \cdot 10^{-5}$	$2.6459(9) \cdot 10^2$	$-5.083(5) \cdot 10^4$	$3.04(2) \cdot 10^6$	$2.648(1) \cdot 10^4$	$-3.968(7) \cdot 10^6$	$1.886(2) \cdot 10^6$
$2.37137 \cdot 10^{-5}$	$2.5848(9) \cdot 10^2$	$-4.827(5) \cdot 10^4$	$2.72(2) \cdot 10^6$	$2.521(1) \cdot 10^4$	$-3.637(6) \cdot 10^6$	$1.746(2) \cdot 10^6$
$2.66073 \cdot 10^{-5}$	$2.5244(9) \cdot 10^2$	$-4.577(5) \cdot 10^4$	$2.45(2) \cdot 10^6$	$2.400(1) \cdot 10^4$	$-3.327(6) \cdot 10^6$	$1.614(1) \cdot 10^6$
$2.98538 \cdot 10^{-5}$	$2.4646(8) \cdot 10^2$	$-4.340(5) \cdot 10^4$	$2.19(2) \cdot 10^6$	$2.283(1) \cdot 10^4$	$-3.043(5) \cdot 10^6$	$1.491(1) \cdot 10^6$
$3.34965 \cdot 10^{-5}$	$2.4056(8) \cdot 10^2$	$-4.110(4) \cdot 10^4$	$1.96(1) \cdot 10^6$	$2.1695(9) \cdot 10^4$	$-2.780(5) \cdot 10^6$	$1.375(1) \cdot 10^6$
$3.75837 \cdot 10^{-5}$	$2.3474(8) \cdot 10^2$	$-3.888(4) \cdot 10^4$	$1.73(1) \cdot 10^6$	$2.0608(9) \cdot 10^4$	$-2.535(4) \cdot 10^6$	$1.268(1) \cdot 10^6$
$4.21696 \cdot 10^{-5}$	$2.2899(8) \cdot 10^2$	$-3.676(4) \cdot 10^4$	$1.55(1) \cdot 10^6$	$1.9559(8) \cdot 10^4$	$-2.310(4) \cdot 10^6$	$1.167(1) \cdot 10^6$
$4.73150 \cdot 10^{-5}$	$2.2332(8) \cdot 10^2$	$-3.473(4) \cdot 10^4$	$1.37(1) \cdot 10^6$	$1.8543(8) \cdot 10^4$	$-2.094(4) \cdot 10^6$	$1.073(1) \cdot 10^6$
$5.30884 \cdot 10^{-5}$	$2.1772(8) \cdot 10^2$	$-3.281(4) \cdot 10^4$	$1.21(1) \cdot 10^6$	$1.7570(7) \cdot 10^4$	$-1.893(4) \cdot 10^6$	$9.848(9) \cdot 10^5$
$5.95662 \cdot 10^{-5}$	$2.1220(7) \cdot 10^2$	$-3.092(4) \cdot 10^4$	$1.05(1) \cdot 10^6$	$1.6640(7) \cdot 10^4$	$-1.714(3) \cdot 10^6$	$9.032(8) \cdot 10^5$
$6.68344 \cdot 10^{-5}$	$2.0671(7) \cdot 10^2$	$-2.915(3) \cdot 10^4$	$9.2(1) \cdot 10^5$	$1.5741(6) \cdot 10^4$	$-1.546(3) \cdot 10^6$	$8.263(7) \cdot 10^5$
$7.49894 \cdot 10^{-5}$	$2.0133(7) \cdot 10^2$	$-2.745(3) \cdot 10^4$	$8.03(9) \cdot 10^5$	$1.4880(6) \cdot 10^4$	$-1.388(3) \cdot 10^6$	$7.557(7) \cdot 10^5$
$8.41395 \cdot 10^{-5}$	$1.9601(7) \cdot 10^2$	$-2.580(3) \cdot 10^4$	$6.95(9) \cdot 10^5$	$1.4057(5) \cdot 10^4$	$-1.243(3) \cdot 10^6$	$6.899(6) \cdot 10^5$
$9.44061 \cdot 10^{-5}$	$1.9073(7) \cdot 10^2$	$-2.427(3) \cdot 10^4$	$5.83(8) \cdot 10^5$	$1.3264(5) \cdot 10^4$	$-1.115(2) \cdot 10^6$	$6.300(6) \cdot 10^5$
$1.05925 \cdot 10^{-4}$	$1.8554(7) \cdot 10^2$	$-2.279(3) \cdot 10^4$	$5.01(7) \cdot 10^5$	$1.2505(4) \cdot 10^4$	$-9.93(2) \cdot 10^5$	$5.737(5) \cdot 10^5$
$1.18850 \cdot 10^{-4}$	$1.8041(6) \cdot 10^2$	$-2.134(3) \cdot 10^4$	$4.25(7) \cdot 10^5$	$1.1779(4) \cdot 10^4$	$-8.81(2) \cdot 10^5$	$5.212(5) \cdot 10^5$
$1.33352 \cdot 10^{-4}$	$1.7536(6) \cdot 10^2$	$-1.999(2) \cdot 10^4$	$3.37(7) \cdot 10^5$	$1.1086(4) \cdot 10^4$	$-7.81(2) \cdot 10^5$	$4.732(4) \cdot 10^5$
$1.49624 \cdot 10^{-4}$	$1.7035(6) \cdot 10^2$	$-1.869(2) \cdot 10^4$	$2.78(6) \cdot 10^5$	$1.0426(3) \cdot 10^4$	$-6.88(2) \cdot 10^5$	$4.285(4) \cdot 10^5$
$1.67880 \cdot 10^{-4}$	$1.6545(6) \cdot 10^2$	$-1.747(2) \cdot 10^4$	$2.16(6) \cdot 10^5$	$9.795(3) \cdot 10^3$	$-6.06(2) \cdot 10^5$	$3.877(4) \cdot 10^5$
$1.88365 \cdot 10^{-4}$	$1.6057(6) \cdot 10^2$	$-1.626(2) \cdot 10^4$	$1.67(5) \cdot 10^5$	$9.191(3) \cdot 10^3$	$-5.30(1) \cdot 10^5$	$3.499(3) \cdot 10^5$
$2.11349 \cdot 10^{-4}$	$1.5581(5) \cdot 10^2$	$-1.513(2) \cdot 10^4$	$1.20(5) \cdot 10^5$	$8.615(3) \cdot 10^3$	$-4.63(1) \cdot 10^5$	$3.154(3) \cdot 10^5$
$2.37137 \cdot 10^{-4}$	$1.5111(5) \cdot 10^2$	$-1.408(2) \cdot 10^4$	$8.1(5) \cdot 10^4$	$8.066(2) \cdot 10^3$	$-4.00(1) \cdot 10^5$	$2.834(3) \cdot 10^5$
$2.66073 \cdot 10^{-4}$	$1.4650(5) \cdot 10^2$	$-1.306(2) \cdot 10^4$	$4.4(4) \cdot 10^4$	$7.543(2) \cdot 10^3$	$-3.44(1) \cdot 10^5$	$2.543(2) \cdot 10^5$
$2.98538 \cdot 10^{-4}$	$1.4193(5) \cdot 10^2$	$-1.209(2) \cdot 10^4$	$1.4(4) \cdot 10^4$	$7.045(2) \cdot 10^3$	$-2.94(1) \cdot 10^5$	$2.277(2) \cdot 10^5$
$3.34965 \cdot 10^{-4}$	$1.3745(5) \cdot 10^2$	$-1.120(1) \cdot 10^4$	$-1.1(4) \cdot 10^4$	$6.573(2) \cdot 10^3$	$-2.489(9) \cdot 10^5$	$2.035(2) \cdot 10^5$
$3.75837 \cdot 10^{-4}$	$1.3303(5) \cdot 10^2$	$-1.034(1) \cdot 10^4$	$-3.2(3) \cdot 10^4$	$6.125(2) \cdot 10^3$	$-2.100(8) \cdot 10^5$	$1.813(2) \cdot 10^5$
$4.21697 \cdot 10^{-4}$	$1.2868(4) \cdot 10^2$	$-9.54(1) \cdot 10^3$	$-4.8(3) \cdot 10^4$	$5.700(1) \cdot 10^3$	$-1.745(7) \cdot 10^5$	$1.612(2) \cdot 10^5$
$4.73151 \cdot 10^{-4}$	$1.2439(4) \cdot 10^2$	$-8.76(1) \cdot 10^3$	$-6.6(3) \cdot 10^4$	$5.297(1) \cdot 10^3$	$-1.431(7) \cdot 10^5$	$1.430(1) \cdot 10^5$
$5.30884 \cdot 10^{-4}$	$1.2020(4) \cdot 10^2$	$-8.05(1) \cdot 10^3$	$-7.1(3) \cdot 10^4$	$4.916(1) \cdot 10^3$	$-1.159(6) \cdot 10^5$	$1.267(1) \cdot 10^5$
$5.95662 \cdot 10^{-4}$	$1.1607(4) \cdot 10^2$	$-7.37(1) \cdot 10^3$	$-8.2(3) \cdot 10^4$	$4.555(1) \cdot 10^3$	$-9.27(6) \cdot 10^4$	$1.117(1) \cdot 10^5$
$6.68344 \cdot 10^{-4}$	$1.1201(4) \cdot 10^2$	$-6.722(9) \cdot 10^3$	$-8.7(2) \cdot 10^4$	$4.215(1) \cdot 10^3$	$-7.20(5) \cdot 10^4$	$9.83(1) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$1.0801(4) \cdot 10^2$	$-6.106(8) \cdot 10^3$	$-9.0(2) \cdot 10^4$	$3.8938(9) \cdot 10^3$	$-5.34(5) \cdot 10^4$	$8.619(9) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$1.0410(3) \cdot 10^2$	$-5.528(8) \cdot 10^3$	$-9.3(2) \cdot 10^4$	$3.5901(8) \cdot 10^3$	$-3.84(4) \cdot 10^4$	$7.534(8) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$1.0025(3) \cdot 10^2$	$-5.013(7) \cdot 10^3$	$-9.6(2) \cdot 10^4$	$3.3048(7) \cdot 10^3$	$-2.51(4) \cdot 10^4$	$6.576(7) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$9.647(3) \cdot 10^1$	$-4.522(6) \cdot 10^3$	$-9.5(2) \cdot 10^4$	$3.0366(6) \cdot 10^3$	$-1.43(3) \cdot 10^4$	$5.709(6) \cdot 10^4$
$1.18850 \cdot 10^{-3}$	$9.276(3) \cdot 10^1$	$-4.050(6) \cdot 10^3$	$-9.0(2) \cdot 10^4$	$2.7849(5) \cdot 10^3$	$-4.8(3) \cdot 10^3$	$4.936(5) \cdot 10^4$
$1.33352 \cdot 10^{-3}$	$8.912(3) \cdot 10^1$	$-3.622(5) \cdot 10^3$	$-8.8(2) \cdot 10^4$	$2.5483(5) \cdot 10^3$	$2.9(3) \cdot 10^3$	$4.251(5) \cdot 10^4$
$1.49624 \cdot 10^{-3}$	$8.556(2) \cdot 10^1$	$-3.225(5) \cdot 10^3$	$-8.7(1) \cdot 10^4$	$2.3270(4) \cdot 10^3$	$9.1(2) \cdot 10^3$	$3.643(4) \cdot 10^4$
$1.67880 \cdot 10^{-3}$	$8.209(2) \cdot 10^1$	$-2.855(4) \cdot 10^3$	$-8.3(1) \cdot 10^4$	$2.1203(4) \cdot 10^3$	$1.41(2) \cdot 10^4$	$3.113(4) \cdot 10^4$
$1.88365 \cdot 10^{-3}$	$7.866(2) \cdot 10^1$	$-2.514(4) \cdot 10^3$	$-7.7(1) \cdot 10^4$	$1.9274(3) \cdot 10^3$	$1.75(2) \cdot 10^4$	$2.648(3) \cdot 10^4$
$2.11349 \cdot 10^{-3}$	$7.531(2) \cdot 10^1$	$-2.201(4) \cdot 10^3$	$-7.2(1) \cdot 10^4$	$1.7482(3) \cdot 10^3$	$2.05(2) \cdot 10^4$	$2.240(3) \cdot 10^4$
$2.37136 \cdot 10^{-3}$	$7.204(2) \cdot 10^1$	$-1.903(3) \cdot 10^3$	$-6.9(1) \cdot 10^4$	$1.5814(2) \cdot 10^3$	$2.21(2) \cdot 10^4$	$1.884(2) \cdot 10^4$
$2.66073 \cdot 10^{-3}$	$6.884(2) \cdot 10^1$	$-1.637(3) \cdot 10^3$	$-6.3(1) \cdot 10^4$	$1.4267(2) \cdot 10^3$	$2.35(1) \cdot 10^4$	$1.574(2) \cdot 10^4$
$2.98538 \cdot 10^{-3}$	$6.571(1) \cdot 10^1$	$-1.389(3) \cdot 10^3$	$-5.68(9) \cdot 10^4$	$1.2834(2) \cdot 10^3$	$2.43(1) \cdot 10^4$	$1.304(2) \cdot 10^4$

Table 5: Perturbative coefficients for the Jade-E0 jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$6.266(1) \cdot 10^1$	$-1.170(3) \cdot 10^3$	$-5.21(8) \cdot 10^4$	$1.1511(2) \cdot 10^3$	$2.43(1) \cdot 10^4$	$1.076(2) \cdot 10^4$
$3.75837 \cdot 10^{-3}$	$5.968(1) \cdot 10^1$	$-9.72(2) \cdot 10^2$	$-4.68(8) \cdot 10^4$	$1.0291(1) \cdot 10^3$	$2.40(1) \cdot 10^4$	$8.80(1) \cdot 10^3$
$4.21696 \cdot 10^{-3}$	$5.6783(9) \cdot 10^1$	$-7.89(2) \cdot 10^2$	$-4.24(7) \cdot 10^4$	$9.168(1) \cdot 10^2$	$2.317(9) \cdot 10^4$	$7.17(1) \cdot 10^3$
$4.73151 \cdot 10^{-3}$	$5.3966(7) \cdot 10^1$	$-6.31(2) \cdot 10^2$	$-3.83(7) \cdot 10^4$	$8.139(1) \cdot 10^2$	$2.222(8) \cdot 10^4$	$5.74(1) \cdot 10^3$
$5.30884 \cdot 10^{-3}$	$5.1221(5) \cdot 10^1$	$-4.82(1) \cdot 10^2$	$-3.30(6) \cdot 10^4$	$7.1973(9) \cdot 10^2$	$2.098(7) \cdot 10^4$	$4.585(8) \cdot 10^3$
$5.95662 \cdot 10^{-3}$	$4.8541(4) \cdot 10^1$	$-3.47(1) \cdot 10^2$	$-2.86(6) \cdot 10^4$	$6.3387(8) \cdot 10^2$	$1.974(6) \cdot 10^4$	$3.632(7) \cdot 10^3$
$6.68344 \cdot 10^{-3}$	$4.5920(3) \cdot 10^1$	$-2.28(1) \cdot 10^2$	$-2.49(5) \cdot 10^4$	$5.5576(7) \cdot 10^2$	$1.827(5) \cdot 10^4$	$2.843(6) \cdot 10^3$
$7.49894 \cdot 10^{-3}$	$4.3354(3) \cdot 10^1$	$-1.260(9) \cdot 10^2$	$-2.11(5) \cdot 10^4$	$4.8491(6) \cdot 10^2$	$1.677(5) \cdot 10^4$	$2.172(5) \cdot 10^3$
$8.41395 \cdot 10^{-3}$	$4.0859(2) \cdot 10^1$	$-3.68(8) \cdot 10^1$	$-1.74(4) \cdot 10^4$	$4.2089(5) \cdot 10^2$	$1.519(4) \cdot 10^4$	$1.529(4) \cdot 10^3$
$9.44061 \cdot 10^{-3}$	$3.8434(2) \cdot 10^1$	$3.78(7) \cdot 10^1$	$-1.50(4) \cdot 10^4$	$3.6328(5) \cdot 10^2$	$1.370(4) \cdot 10^4$	$1.130(3) \cdot 10^3$
$1.05925 \cdot 10^{-2}$	$3.6085(2) \cdot 10^1$	$1.024(7) \cdot 10^2$	$-1.21(4) \cdot 10^4$	$3.1168(4) \cdot 10^2$	$1.220(3) \cdot 10^4$	$8.19(3) \cdot 10^2$
$1.18850 \cdot 10^{-2}$	$3.3807(2) \cdot 10^1$	$1.555(6) \cdot 10^2$	$-9.7(3) \cdot 10^3$	$2.6568(3) \cdot 10^2$	$1.078(3) \cdot 10^4$	$8.106(2) \cdot 10^2$
$1.33352 \cdot 10^{-2}$	$3.1602(2) \cdot 10^1$	$1.988(5) \cdot 10^2$	$-6.5(3) \cdot 10^3$	$2.2486(3) \cdot 10^2$	$9.39(2) \cdot 10^3$	$5.864(2) \cdot 10^2$
$1.49624 \cdot 10^{-2}$	$2.9469(2) \cdot 10^1$	$2.320(4) \cdot 10^2$	$-4.1(3) \cdot 10^3$	$1.8882(2) \cdot 10^2$	$8.10(2) \cdot 10^3$	$4.151(1) \cdot 10^2$
$1.67880 \cdot 10^{-2}$	$2.7409(1) \cdot 10^1$	$2.569(4) \cdot 10^2$	$-2.9(3) \cdot 10^3$	$1.5719(2) \cdot 10^2$	$6.95(2) \cdot 10^3$	$2.866(1) \cdot 10^2$
$1.88365 \cdot 10^{-2}$	$2.5423(1) \cdot 10^1$	$2.745(3) \cdot 10^2$	$-1.6(2) \cdot 10^3$	$1.2960(2) \cdot 10^2$	$5.85(1) \cdot 10^3$	$1.9216(7) \cdot 10^2$
$2.11349 \cdot 10^{-2}$	$2.3508(1) \cdot 10^1$	$2.870(3) \cdot 10^2$	$-2(2) \cdot 10^2$	$1.0572(1) \cdot 10^2$	$4.87(1) \cdot 10^3$	$1.2453(5) \cdot 10^2$
$2.37137 \cdot 10^{-2}$	$2.16677(9) \cdot 10^1$	$2.921(2) \cdot 10^2$	$6(2) \cdot 10^2$	$8.519(1) \cdot 10^1$	$4.00(1) \cdot 10^3$	$7.744(4) \cdot 10^1$
$2.66073 \cdot 10^{-2}$	$1.99005(8) \cdot 10^1$	$2.919(2) \cdot 10^2$	$1.7(2) \cdot 10^3$	$6.773(1) \cdot 10^1$	$3.234(9) \cdot 10^3$	$4.580(3) \cdot 10^1$
$2.98538 \cdot 10^{-2}$	$1.82078(6) \cdot 10^1$	$2.878(2) \cdot 10^2$	$2.2(2) \cdot 10^3$	$5.3009(8) \cdot 10^1$	$2.570(7) \cdot 10^3$	$2.544(2) \cdot 10^1$
$3.34965 \cdot 10^{-2}$	$1.65884(5) \cdot 10^1$	$2.795(1) \cdot 10^2$	$2.4(1) \cdot 10^3$	$4.0759(7) \cdot 10^1$	$2.013(6) \cdot 10^3$	$1.309(1) \cdot 10^1$
$3.75837 \cdot 10^{-2}$	$1.50425(4) \cdot 10^1$	$2.678(1) \cdot 10^2$	$2.9(1) \cdot 10^3$	$3.0693(6) \cdot 10^1$	$1.541(5) \cdot 10^3$	$6.061(7) \cdot 10^0$
$4.21697 \cdot 10^{-2}$	$1.35705(4) \cdot 10^1$	$2.5384(9) \cdot 10^2$	$3.1(1) \cdot 10^3$	$2.2550(4) \cdot 10^1$	$1.127(4) \cdot 10^3$	$2.404(4) \cdot 10^0$
$4.73151 \cdot 10^{-2}$	$1.21732(3) \cdot 10^1$	$2.3757(7) \cdot 10^2$	$3.18(9) \cdot 10^3$	$1.6084(4) \cdot 10^1$	$8.19(3) \cdot 10^2$	$7.69(2) \cdot 10^{-1}$
$5.30884 \cdot 10^{-2}$	$1.08508(3) \cdot 10^1$	$2.1959(6) \cdot 10^2$	$3.20(8) \cdot 10^3$	$1.1067(3) \cdot 10^1$	$5.57(2) \cdot 10^2$	$9.9(5) \cdot 10^{-4}$
$5.95662 \cdot 10^{-2}$	$9.6030(3) \cdot 10^0$	$2.0065(5) \cdot 10^2$	$3.05(7) \cdot 10^3$	$7.280(2) \cdot 10^0$	$3.74(2) \cdot 10^2$	$5.7(7) \cdot 10^{-5}$
$6.68344 \cdot 10^{-2}$	$8.4303(2) \cdot 10^0$	$1.8088(4) \cdot 10^2$	$2.84(6) \cdot 10^3$	$4.519(2) \cdot 10^0$	$2.14(1) \cdot 10^2$	$1.0(4) \cdot 10^{-8}$
$7.49894 \cdot 10^{-2}$	$7.3327(2) \cdot 10^0$	$1.6085(4) \cdot 10^2$	$2.61(6) \cdot 10^3$	$2.599(1) \cdot 10^0$	$1.143(8) \cdot 10^2$	$2(1) \cdot 10^{-7}$
$8.41395 \cdot 10^{-2}$	$6.3099(2) \cdot 10^0$	$1.4081(3) \cdot 10^2$	$2.40(5) \cdot 10^3$	$1.3446(8) \cdot 10^0$	$1.78(3) \cdot 10^1$	0
$9.44061 \cdot 10^{-2}$	$5.3623(1) \cdot 10^0$	$1.2129(3) \cdot 10^2$	$2.11(4) \cdot 10^3$	$5.955(5) \cdot 10^{-1}$	$3.2(1) \cdot 10^0$	0
$1.05925 \cdot 10^{-1}$	$4.4897(1) \cdot 10^0$	$1.0249(2) \cdot 10^2$	$1.77(4) \cdot 10^3$	$2.081(3) \cdot 10^{-1}$	$8(1) \cdot 10^{-2}$	0
$1.18850 \cdot 10^{-1}$	$3.6921(1) \cdot 10^0$	$8.471(2) \cdot 10^1$	$1.47(3) \cdot 10^3$	$4.99(1) \cdot 10^{-2}$	$-1.8(6) \cdot 10^{-3}$	0
$1.33352 \cdot 10^{-1}$	$2.96951(9) \cdot 10^0$	$6.818(1) \cdot 10^1$	$1.17(3) \cdot 10^3$	$5.20(4) \cdot 10^{-3}$	$-5.26(8) \cdot 10^{-3}$	0
$1.49624 \cdot 10^{-1}$	$2.32178(7) \cdot 10^0$	$5.323(1) \cdot 10^1$	$9.2(2) \cdot 10^2$	$1.54(5) \cdot 10^{-4}$	$-3.5(3) \cdot 10^{-3}$	0
$1.67880 \cdot 10^{-1}$	$1.74900(6) \cdot 10^0$	$3.989(1) \cdot 10^1$	$7.0(2) \cdot 10^2$	0	0	0
$1.88365 \cdot 10^{-1}$	$1.25145(5) \cdot 10^0$	$2.8340(8) \cdot 10^1$	$4.9(1) \cdot 10^2$	0	0	0
$2.11349 \cdot 10^{-1}$	$8.3015(4) \cdot 10^{-1}$	$1.8646(7) \cdot 10^1$	$3.0(1) \cdot 10^2$	0	0	0
$2.37137 \cdot 10^{-1}$	$4.8724(3) \cdot 10^{-1}$	$1.0808(5) \cdot 10^1$	$1.81(8) \cdot 10^2$	0	0	0
$2.66073 \cdot 10^{-1}$	$2.2717(2) \cdot 10^{-1}$	$4.945(4) \cdot 10^0$	$7.8(5) \cdot 10^1$	0	0	0
$2.98538 \cdot 10^{-1}$	$5.882(1) \cdot 10^{-2}$	$1.223(2) \cdot 10^0$	$1.2(2) \cdot 10^1$	0	0	0
$3.34965 \cdot 10^{-1}$	0	0	0	0	0	0
$3.75837 \cdot 10^{-1}$	0	0	0	0	0	0
$4.21697 \cdot 10^{-1}$	0	0	0	0	0	0
$4.73151 \cdot 10^{-1}$	0	0	0	0	0	0
$5.30884 \cdot 10^{-1}$	0	0	0	0	0	0
$5.95662 \cdot 10^{-1}$	0	0	0	0	0	0
$6.68344 \cdot 10^{-1}$	0	0	0	0	0	0
$7.49894 \cdot 10^{-1}$	0	0	0	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 6: Perturbative coefficients for the Jade-E0 jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$1.3562(2) \cdot 10^2$	$-1.4971(6) \cdot 10^4$	$2.10(3) \cdot 10^5$	$1.0810(3) \cdot 10^4$	$-9.25(1) \cdot 10^5$	$6.473(5) \cdot 10^5$
$1.18850 \cdot 10^{-5}$	$1.3258(2) \cdot 10^2$	$-1.4228(6) \cdot 10^4$	$1.80(3) \cdot 10^5$	$1.0312(2) \cdot 10^4$	$-8.47(1) \cdot 10^5$	$6.009(5) \cdot 10^5$
$1.33352 \cdot 10^{-5}$	$1.2958(2) \cdot 10^2$	$-1.3501(6) \cdot 10^4$	$1.51(2) \cdot 10^5$	$9.830(2) \cdot 10^3$	$-7.74(1) \cdot 10^5$	$5.570(4) \cdot 10^5$
$1.49624 \cdot 10^{-5}$	$1.2661(2) \cdot 10^2$	$-1.2802(5) \cdot 10^4$	$1.22(2) \cdot 10^5$	$9.365(2) \cdot 10^3$	$-7.06(1) \cdot 10^5$	$5.162(4) \cdot 10^5$
$1.67880 \cdot 10^{-5}$	$1.2368(2) \cdot 10^2$	$-1.2132(5) \cdot 10^4$	$1.00(2) \cdot 10^5$	$8.917(2) \cdot 10^3$	$-6.44(1) \cdot 10^5$	$4.778(4) \cdot 10^5$
$1.88365 \cdot 10^{-5}$	$1.2080(2) \cdot 10^2$	$-1.1482(5) \cdot 10^4$	$8.0(2) \cdot 10^4$	$8.486(2) \cdot 10^3$	$-5.84(1) \cdot 10^5$	$4.417(3) \cdot 10^5$
$2.11349 \cdot 10^{-5}$	$1.1795(2) \cdot 10^2$	$-1.0859(4) \cdot 10^4$	$6.3(2) \cdot 10^4$	$8.070(2) \cdot 10^3$	$-5.31(1) \cdot 10^5$	$4.081(3) \cdot 10^5$
$2.37137 \cdot 10^{-5}$	$1.1514(2) \cdot 10^2$	$-1.0261(4) \cdot 10^4$	$4.6(2) \cdot 10^4$	$7.670(2) \cdot 10^3$	$-4.797(9) \cdot 10^5$	$3.762(3) \cdot 10^5$
$2.66073 \cdot 10^{-5}$	$1.1236(2) \cdot 10^2$	$-9.692(4) \cdot 10^3$	$3.2(2) \cdot 10^4$	$7.287(1) \cdot 10^3$	$-4.340(9) \cdot 10^5$	$3.468(3) \cdot 10^5$
$2.98538 \cdot 10^{-5}$	$1.0961(2) \cdot 10^2$	$-9.140(4) \cdot 10^3$	$1.8(2) \cdot 10^4$	$6.916(1) \cdot 10^3$	$-3.908(8) \cdot 10^5$	$3.193(2) \cdot 10^5$
$3.34965 \cdot 10^{-5}$	$1.0689(1) \cdot 10^2$	$-8.619(3) \cdot 10^3$	$8(2) \cdot 10^3$	$6.560(1) \cdot 10^3$	$-3.517(8) \cdot 10^5$	$2.937(2) \cdot 10^5$
$3.75837 \cdot 10^{-5}$	$1.0421(1) \cdot 10^2$	$-8.113(3) \cdot 10^3$	$-3(2) \cdot 10^3$	$6.218(1) \cdot 10^3$	$-3.160(7) \cdot 10^5$	$2.697(2) \cdot 10^5$
$4.21696 \cdot 10^{-5}$	$1.0157(1) \cdot 10^2$	$-7.629(3) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$5.888(1) \cdot 10^3$	$-2.823(7) \cdot 10^5$	$2.474(2) \cdot 10^5$
$4.73150 \cdot 10^{-5}$	$9.896(1) \cdot 10^1$	$-7.171(3) \cdot 10^3$	$-2.0(1) \cdot 10^4$	$5.573(1) \cdot 10^3$	$-2.520(6) \cdot 10^5$	$2.267(2) \cdot 10^5$
$5.30884 \cdot 10^{-5}$	$9.639(1) \cdot 10^1$	$-6.731(3) \cdot 10^3$	$-2.7(1) \cdot 10^4$	$5.2701(9) \cdot 10^3$	$-2.241(6) \cdot 10^5$	$2.074(2) \cdot 10^5$
$5.95662 \cdot 10^{-5}$	$9.385(1) \cdot 10^1$	$-6.312(2) \cdot 10^3$	$-3.1(1) \cdot 10^4$	$4.9793(9) \cdot 10^3$	$-1.986(5) \cdot 10^5$	$1.894(2) \cdot 10^5$
$6.68344 \cdot 10^{-5}$	$9.135(1) \cdot 10^1$	$-5.910(2) \cdot 10^3$	$-3.6(1) \cdot 10^4$	$4.7013(8) \cdot 10^3$	$-1.760(5) \cdot 10^5$	$1.729(1) \cdot 10^5$
$7.49894 \cdot 10^{-5}$	$8.8880(9) \cdot 10^1$	$-5.529(2) \cdot 10^3$	$-4.0(1) \cdot 10^4$	$4.4348(7) \cdot 10^3$	$-1.545(5) \cdot 10^5$	$1.576(1) \cdot 10^5$
$8.41395 \cdot 10^{-5}$	$8.6443(9) \cdot 10^1$	$-5.162(2) \cdot 10^3$	$-4.2(1) \cdot 10^4$	$4.1791(7) \cdot 10^3$	$-1.353(4) \cdot 10^5$	$1.433(1) \cdot 10^5$
$9.44061 \cdot 10^{-5}$	$8.4037(8) \cdot 10^1$	$-4.814(2) \cdot 10^3$	$-4.6(1) \cdot 10^4$	$3.9358(6) \cdot 10^3$	$-1.176(4) \cdot 10^5$	$1.302(1) \cdot 10^5$
$1.05925 \cdot 10^{-4}$	$8.1670(8) \cdot 10^1$	$-4.484(2) \cdot 10^3$	$-4.8(1) \cdot 10^4$	$3.7026(6) \cdot 10^3$	$-1.024(4) \cdot 10^5$	$1.181(1) \cdot 10^5$
$1.18850 \cdot 10^{-4}$	$7.9330(7) \cdot 10^1$	$-4.170(2) \cdot 10^3$	$-4.89(9) \cdot 10^4$	$3.4800(5) \cdot 10^3$	$-8.80(4) \cdot 10^4$	$1.0682(9) \cdot 10^5$
$1.33352 \cdot 10^{-4}$	$7.7034(7) \cdot 10^1$	$-3.870(1) \cdot 10^3$	$-4.95(9) \cdot 10^4$	$3.2673(5) \cdot 10^3$	$-7.52(3) \cdot 10^4$	$9.661(8) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$7.4763(6) \cdot 10^1$	$-3.585(1) \cdot 10^3$	$-4.91(8) \cdot 10^4$	$3.0647(4) \cdot 10^3$	$-6.33(3) \cdot 10^4$	$8.702(8) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$7.2532(6) \cdot 10^1$	$-3.318(1) \cdot 10^3$	$-5.03(8) \cdot 10^4$	$2.8722(4) \cdot 10^3$	$-5.26(3) \cdot 10^4$	$7.838(7) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$7.0332(6) \cdot 10^1$	$-3.064(1) \cdot 10^3$	$-4.89(8) \cdot 10^4$	$2.6884(4) \cdot 10^3$	$-4.37(3) \cdot 10^4$	$7.051(6) \cdot 10^4$
$2.11349 \cdot 10^{-4}$	$6.8170(5) \cdot 10^1$	$-2.825(1) \cdot 10^3$	$-4.78(7) \cdot 10^4$	$2.5137(3) \cdot 10^3$	$-3.56(2) \cdot 10^4$	$6.329(6) \cdot 10^4$
$2.37137 \cdot 10^{-4}$	$6.6041(5) \cdot 10^1$	$-2.599(1) \cdot 10^3$	$-4.68(7) \cdot 10^4$	$2.3478(3) \cdot 10^3$	$-2.82(2) \cdot 10^4$	$5.664(5) \cdot 10^4$
$2.66073 \cdot 10^{-4}$	$6.3948(5) \cdot 10^1$	$-2.3838(9) \cdot 10^3$	$-4.48(7) \cdot 10^4$	$2.1903(3) \cdot 10^3$	$-2.21(2) \cdot 10^4$	$5.068(5) \cdot 10^4$
$2.98538 \cdot 10^{-4}$	$6.1891(4) \cdot 10^1$	$-2.1827(9) \cdot 10^3$	$-4.40(6) \cdot 10^4$	$2.0409(3) \cdot 10^3$	$-1.65(2) \cdot 10^4$	$4.516(4) \cdot 10^4$
$3.34965 \cdot 10^{-4}$	$5.9868(4) \cdot 10^1$	$-1.9926(8) \cdot 10^3$	$-4.25(6) \cdot 10^4$	$1.8993(2) \cdot 10^3$	$-1.19(2) \cdot 10^4$	$4.016(4) \cdot 10^4$
$3.75837 \cdot 10^{-4}$	$5.7879(4) \cdot 10^1$	$-1.8142(7) \cdot 10^3$	$-4.10(6) \cdot 10^4$	$1.7652(2) \cdot 10^3$	$-7.9(2) \cdot 10^3$	$3.565(4) \cdot 10^4$
$4.21697 \cdot 10^{-4}$	$5.5925(4) \cdot 10^1$	$-1.6481(7) \cdot 10^3$	$-3.94(5) \cdot 10^4$	$1.6383(2) \cdot 10^3$	$-4.3(1) \cdot 10^3$	$3.151(3) \cdot 10^4$
$4.73151 \cdot 10^{-4}$	$5.4005(4) \cdot 10^1$	$-1.4913(6) \cdot 10^3$	$-3.78(5) \cdot 10^4$	$1.5183(2) \cdot 10^3$	$-1.3(1) \cdot 10^3$	$2.778(3) \cdot 10^4$
$5.30884 \cdot 10^{-4}$	$5.2122(3) \cdot 10^1$	$-1.3443(6) \cdot 10^3$	$-3.52(5) \cdot 10^4$	$1.4050(2) \cdot 10^3$	$1.2(1) \cdot 10^3$	$2.442(3) \cdot 10^4$
$5.95662 \cdot 10^{-4}$	$5.0269(3) \cdot 10^1$	$-1.2081(6) \cdot 10^3$	$-3.31(4) \cdot 10^4$	$1.2983(2) \cdot 10^3$	$3.3(1) \cdot 10^3$	$2.141(2) \cdot 10^4$
$6.68344 \cdot 10^{-4}$	$4.8455(3) \cdot 10^1$	$-1.0799(5) \cdot 10^3$	$-3.11(4) \cdot 10^4$	$1.1977(1) \cdot 10^3$	$5.0(1) \cdot 10^3$	$1.870(2) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$4.6675(3) \cdot 10^1$	$-9.615(5) \cdot 10^2$	$-2.92(4) \cdot 10^4$	$1.1031(1) \cdot 10^3$	$6.3(1) \cdot 10^3$	$1.628(2) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$4.4928(3) \cdot 10^1$	$-8.512(4) \cdot 10^2$	$-2.73(4) \cdot 10^4$	$1.0142(1) \cdot 10^3$	$7.35(9) \cdot 10^3$	$1.415(2) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$4.3215(2) \cdot 10^1$	$-7.498(4) \cdot 10^2$	$-2.55(4) \cdot 10^4$	$9.307(1) \cdot 10^2$	$8.17(8) \cdot 10^3$	$1.224(2) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$4.1540(2) \cdot 10^1$	$-6.552(4) \cdot 10^2$	$-2.36(3) \cdot 10^4$	$8.5257(9) \cdot 10^2$	$8.68(7) \cdot 10^3$	$1.052(1) \cdot 10^4$
$1.18850 \cdot 10^{-3}$	$3.9898(2) \cdot 10^1$	$-5.683(3) \cdot 10^2$	$-2.17(3) \cdot 10^4$	$7.7944(8) \cdot 10^2$	$9.03(7) \cdot 10^3$	$8.92(1) \cdot 10^3$
$1.33352 \cdot 10^{-3}$	$3.8291(2) \cdot 10^1$	$-4.887(3) \cdot 10^2$	$-1.99(3) \cdot 10^4$	$7.1108(8) \cdot 10^2$	$9.14(6) \cdot 10^3$	$7.58(1) \cdot 10^3$
$1.49624 \cdot 10^{-3}$	$3.6718(2) \cdot 10^1$	$-4.159(3) \cdot 10^2$	$-1.83(3) \cdot 10^4$	$6.4734(7) \cdot 10^2$	$9.16(6) \cdot 10^3$	$6.41(1) \cdot 10^3$
$1.67880 \cdot 10^{-3}$	$3.5180(2) \cdot 10^1$	$-3.492(3) \cdot 10^2$	$-1.67(3) \cdot 10^4$	$5.8797(6) \cdot 10^2$	$9.01(5) \cdot 10^3$	$5.411(9) \cdot 10^3$
$1.88365 \cdot 10^{-3}$	$3.3675(2) \cdot 10^1$	$-2.884(2) \cdot 10^2$	$-1.54(3) \cdot 10^4$	$5.3277(6) \cdot 10^2$	$8.88(5) \cdot 10^3$	$4.579(8) \cdot 10^3$
$2.11349 \cdot 10^{-3}$	$3.2204(1) \cdot 10^1$	$-2.333(2) \cdot 10^2$	$-1.36(2) \cdot 10^4$	$4.8151(5) \cdot 10^2$	$8.57(4) \cdot 10^3$	$3.637(7) \cdot 10^3$
$2.37136 \cdot 10^{-3}$	$3.0768(1) \cdot 10^1$	$-1.833(2) \cdot 10^2$	$-1.23(2) \cdot 10^4$	$4.3403(5) \cdot 10^2$	$8.24(4) \cdot 10^3$	$2.985(6) \cdot 10^3$
$2.66073 \cdot 10^{-3}$	$2.9367(1) \cdot 10^1$	$-1.383(2) \cdot 10^2$	$-1.10(2) \cdot 10^4$	$3.9014(4) \cdot 10^2$	$7.82(3) \cdot 10^3$	$2.458(5) \cdot 10^3$
$2.98538 \cdot 10^{-3}$	$2.7998(1) \cdot 10^1$	$-9.85(2) \cdot 10^1$	$-9.6(2) \cdot 10^3$	$3.4963(4) \cdot 10^2$	$7.38(3) \cdot 10^3$	$2.026(4) \cdot 10^3$

Table 7: Perturbative coefficients for the Cambridge jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$2.6665(1) \cdot 10^1$	$-6.26(2) \cdot 10^1$	$-8.3(2) \cdot 10^3$	$3.1235(3) \cdot 10^2$	$6.92(3) \cdot 10^3$	$1.647(4) \cdot 10^3$
$3.75837 \cdot 10^{-3}$	$2.53644(9) \cdot 10^1$	$-3.11(1) \cdot 10^1$	$-7.6(2) \cdot 10^3$	$2.7810(3) \cdot 10^2$	$6.49(2) \cdot 10^3$	$1.295(3) \cdot 10^3$
$4.21696 \cdot 10^{-3}$	$2.40981(8) \cdot 10^1$	$-3.6(1) \cdot 10^0$	$-6.7(2) \cdot 10^3$	$2.4676(3) \cdot 10^2$	$5.97(2) \cdot 10^3$	$1.045(3) \cdot 10^3$
$4.73151 \cdot 10^{-3}$	$2.28662(7) \cdot 10^1$	$2.04(1) \cdot 10^1$	$-5.7(2) \cdot 10^3$	$2.1812(2) \cdot 10^2$	$5.48(2) \cdot 10^3$	$8.37(2) \cdot 10^2$
$5.30884 \cdot 10^{-3}$	$2.16676(7) \cdot 10^1$	$4.10(1) \cdot 10^1$	$-4.9(1) \cdot 10^3$	$1.9202(2) \cdot 10^2$	$4.96(2) \cdot 10^3$	$6.51(2) \cdot 10^2$
$5.95662 \cdot 10^{-3}$	$2.05019(6) \cdot 10^1$	$5.84(1) \cdot 10^1$	$-4.2(1) \cdot 10^3$	$1.6832(2) \cdot 10^2$	$4.56(2) \cdot 10^3$	$5.14(2) \cdot 10^2$
$6.68344 \cdot 10^{-3}$	$1.93703(6) \cdot 10^1$	$7.296(9) \cdot 10^1$	$-3.5(1) \cdot 10^3$	$1.4685(2) \cdot 10^2$	$4.06(1) \cdot 10^3$	$3.93(1) \cdot 10^2$
$7.49894 \cdot 10^{-3}$	$1.82719(5) \cdot 10^1$	$8.495(9) \cdot 10^1$	$-2.8(1) \cdot 10^3$	$1.2750(2) \cdot 10^2$	$3.61(1) \cdot 10^3$	$2.89(1) \cdot 10^2$
$8.41395 \cdot 10^{-3}$	$1.72069(5) \cdot 10^1$	$9.453(8) \cdot 10^1$	$-2.2(1) \cdot 10^3$	$1.1010(1) \cdot 10^2$	$3.18(1) \cdot 10^3$	$3.067(1) \cdot 10^2$
$9.44061 \cdot 10^{-3}$	$1.61751(5) \cdot 10^1$	$1.0181(7) \cdot 10^2$	$-1.7(1) \cdot 10^3$	$9.452(1) \cdot 10^1$	$2.79(1) \cdot 10^3$	$2.2960(9) \cdot 10^2$
$1.05925 \cdot 10^{-2}$	$1.51764(4) \cdot 10^1$	$1.0710(7) \cdot 10^2$	$-1.3(1) \cdot 10^3$	$8.062(1) \cdot 10^1$	$2.434(9) \cdot 10^3$	$8.26(5) \cdot 10^1$
$1.18850 \cdot 10^{-2}$	$1.42109(4) \cdot 10^1$	$1.1066(6) \cdot 10^2$	$-7.7(9) \cdot 10^2$	$6.8299(9) \cdot 10^1$	$2.101(8) \cdot 10^3$	$1.2227(6) \cdot 10^2$
$1.33352 \cdot 10^{-2}$	$1.32786(4) \cdot 10^1$	$1.1248(6) \cdot 10^2$	$-5.8(8) \cdot 10^2$	$5.7420(8) \cdot 10^1$	$1.790(7) \cdot 10^3$	$8.657(4) \cdot 10^1$
$1.49624 \cdot 10^{-2}$	$1.23786(3) \cdot 10^1$	$1.1289(5) \cdot 10^2$	$-2.2(8) \cdot 10^2$	$4.7872(7) \cdot 10^1$	$1.512(6) \cdot 10^3$	$5.984(3) \cdot 10^1$
$1.67880 \cdot 10^{-2}$	$1.15113(3) \cdot 10^1$	$1.1199(5) \cdot 10^2$	$-4(7) \cdot 10^1$	$3.9548(6) \cdot 10^1$	$1.272(5) \cdot 10^3$	$4.020(3) \cdot 10^1$
$1.88365 \cdot 10^{-2}$	$1.06762(3) \cdot 10^1$	$1.1001(4) \cdot 10^2$	$8(7) \cdot 10^1$	$3.2340(5) \cdot 10^1$	$1.057(4) \cdot 10^3$	$2.615(2) \cdot 10^1$
$2.11349 \cdot 10^{-2}$	$9.8736(2) \cdot 10^0$	$1.0694(4) \cdot 10^2$	$2.6(6) \cdot 10^2$	$2.6148(4) \cdot 10^1$	$8.55(4) \cdot 10^2$	$1.635(1) \cdot 10^1$
$2.37137 \cdot 10^{-2}$	$9.1033(2) \cdot 10^0$	$1.0316(3) \cdot 10^2$	$3.5(6) \cdot 10^2$	$2.0867(4) \cdot 10^1$	$7.07(3) \cdot 10^2$	$9.77(1) \cdot 10^0$
$2.66073 \cdot 10^{-2}$	$8.3651(2) \cdot 10^0$	$9.868(3) \cdot 10^1$	$4.1(5) \cdot 10^2$	$1.6408(3) \cdot 10^1$	$5.57(3) \cdot 10^2$	$5.506(7) \cdot 10^0$
$2.98538 \cdot 10^{-2}$	$7.6585(2) \cdot 10^0$	$9.360(3) \cdot 10^1$	$5.1(5) \cdot 10^2$	$1.2689(3) \cdot 10^1$	$4.39(2) \cdot 10^2$	$2.846(4) \cdot 10^0$
$3.34965 \cdot 10^{-2}$	$6.9837(2) \cdot 10^0$	$8.811(3) \cdot 10^1$	$5.1(4) \cdot 10^2$	$9.624(2) \cdot 10^0$	$3.39(2) \cdot 10^2$	$1.341(3) \cdot 10^0$
$3.75837 \cdot 10^{-2}$	$6.3405(2) \cdot 10^0$	$8.228(2) \cdot 10^1$	$5.3(4) \cdot 10^2$	$7.134(2) \cdot 10^0$	$2.60(1) \cdot 10^2$	$4.75(1) \cdot 10^{-1}$
$4.21697 \cdot 10^{-2}$	$5.7285(1) \cdot 10^0$	$7.621(2) \cdot 10^1$	$5.5(4) \cdot 10^2$	$5.150(2) \cdot 10^0$	$1.90(1) \cdot 10^2$	$7.53(5) \cdot 10^{-2}$
$4.73151 \cdot 10^{-2}$	$5.1474(1) \cdot 10^0$	$7.000(2) \cdot 10^1$	$5.2(3) \cdot 10^2$	$3.601(1) \cdot 10^0$	$1.283(9) \cdot 10^2$	$1.5(1) \cdot 10^{-4}$
$5.30884 \cdot 10^{-2}$	$4.5974(1) \cdot 10^0$	$6.375(2) \cdot 10^1$	$5.3(3) \cdot 10^2$	$2.420(1) \cdot 10^0$	$8.79(7) \cdot 10^1$	$7(4) \cdot 10^{-8}$
$5.95662 \cdot 10^{-2}$	$4.0781(1) \cdot 10^0$	$5.752(2) \cdot 10^1$	$4.8(3) \cdot 10^2$	$1.5495(8) \cdot 10^0$	$1.90(3) \cdot 10^1$	$8(2) \cdot 10^{-8}$
$6.68344 \cdot 10^{-2}$	$3.58916(9) \cdot 10^0$	$5.137(1) \cdot 10^1$	$4.1(3) \cdot 10^2$	$9.327(6) \cdot 10^{-1}$	$1.48(2) \cdot 10^1$	$1.1(6) \cdot 10^{-8}$
$7.49894 \cdot 10^{-2}$	$3.13048(8) \cdot 10^0$	$4.539(1) \cdot 10^1$	$3.9(2) \cdot 10^2$	$5.168(4) \cdot 10^{-1}$	$-4.6(4) \cdot 10^{-1}$	$6(3) \cdot 10^{-5}$
$8.41395 \cdot 10^{-2}$	$2.70194(8) \cdot 10^0$	$3.968(1) \cdot 10^1$	$3.5(2) \cdot 10^2$	$2.557(3) \cdot 10^{-1}$	$3.6(3) \cdot 10^{-1}$	0
$9.44061 \cdot 10^{-2}$	$2.30342(7) \cdot 10^0$	$3.421(1) \cdot 10^1$	$3.2(2) \cdot 10^2$	$1.079(2) \cdot 10^{-1}$	$4.9(2) \cdot 10^{-2}$	0
$1.05925 \cdot 10^{-1}$	$1.93476(6) \cdot 10^0$	$2.899(1) \cdot 10^1$	$2.8(2) \cdot 10^2$	$3.55(1) \cdot 10^{-2}$	$-3.35(2) \cdot 10^{-2}$	0
$1.18850 \cdot 10^{-1}$	$1.59600(5) \cdot 10^0$	$2.4079(9) \cdot 10^1$	$2.5(1) \cdot 10^2$	$7.06(4) \cdot 10^{-3}$	$-6.13(8) \cdot 10^{-3}$	0
$1.33352 \cdot 10^{-1}$	$1.28725(5) \cdot 10^0$	$1.9521(8) \cdot 10^1$	$1.9(1) \cdot 10^2$	$3.42(6) \cdot 10^{-4}$	$-3.2(1) \cdot 10^{-3}$	0
$1.49624 \cdot 10^{-1}$	$1.00860(4) \cdot 10^0$	$1.5341(7) \cdot 10^1$	$1.6(1) \cdot 10^2$	$1.3(1) \cdot 10^{-4}$	$-3.4(7) \cdot 10^{-3}$	0
$1.67880 \cdot 10^{-1}$	$7.6047(4) \cdot 10^{-1}$	$1.1548(6) \cdot 10^1$	$1.12(9) \cdot 10^2$	0	0	0
$1.88365 \cdot 10^{-1}$	$5.4369(3) \cdot 10^{-1}$	$8.210(5) \cdot 10^0$	$7.6(7) \cdot 10^1$	0	0	0
$2.11349 \cdot 10^{-1}$	$3.5939(2) \cdot 10^{-1}$	$5.348(5) \cdot 10^0$	$4.7(6) \cdot 10^1$	0	0	0
$2.37137 \cdot 10^{-1}$	$2.0932(2) \cdot 10^{-1}$	$3.011(4) \cdot 10^0$	$2.8(4) \cdot 10^1$	0	0	0
$2.66073 \cdot 10^{-1}$	$9.624(1) \cdot 10^{-2}$	$1.249(3) \cdot 10^0$	$6(3) \cdot 10^0$	0	0	0
$2.98538 \cdot 10^{-1}$	$2.4357(6) \cdot 10^{-2}$	$1.59(2) \cdot 10^{-1}$	$-5(1) \cdot 10^0$	0	0	0
$3.34965 \cdot 10^{-1}$	0	0	0	0	0	0
$3.75837 \cdot 10^{-1}$	0	0	0	0	0	0
$4.21697 \cdot 10^{-1}$	0	0	0	0	0	0
$4.73151 \cdot 10^{-1}$	0	0	0	0	0	0
$5.30884 \cdot 10^{-1}$	0	0	0	0	0	0
$5.95662 \cdot 10^{-1}$	0	0	0	0	0	0
$6.68344 \cdot 10^{-1}$	0	0	0	0	0	0
$7.49894 \cdot 10^{-1}$	0	0	0	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 8: Perturbative coefficients for the Cambridge jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$5.9831(5) \cdot 10^1$	$-1.725(2) \cdot 10^3$	$-4.5(1) \cdot 10^4$	$1.8179(4) \cdot 10^3$	$5.7(3) \cdot 10^3$	$3.156(5) \cdot 10^4$
$1.18850 \cdot 10^{-5}$	$5.9103(5) \cdot 10^1$	$-1.664(2) \cdot 10^3$	$-4.3(1) \cdot 10^4$	$1.7725(4) \cdot 10^3$	$6.6(3) \cdot 10^3$	$3.039(5) \cdot 10^4$
$1.33352 \cdot 10^{-5}$	$5.8375(4) \cdot 10^1$	$-1.605(2) \cdot 10^3$	$-4.3(1) \cdot 10^4$	$1.7279(4) \cdot 10^3$	$7.5(3) \cdot 10^3$	$2.924(5) \cdot 10^4$
$1.49624 \cdot 10^{-5}$	$5.7649(4) \cdot 10^1$	$-1.546(2) \cdot 10^3$	$-4.3(1) \cdot 10^4$	$1.6838(4) \cdot 10^3$	$8.6(3) \cdot 10^3$	$2.812(5) \cdot 10^4$
$1.67880 \cdot 10^{-5}$	$5.6921(4) \cdot 10^1$	$-1.491(2) \cdot 10^3$	$-4.3(1) \cdot 10^4$	$1.6401(4) \cdot 10^3$	$9.4(3) \cdot 10^3$	$2.706(4) \cdot 10^4$
$1.88365 \cdot 10^{-5}$	$5.6192(4) \cdot 10^1$	$-1.433(2) \cdot 10^3$	$-4.1(1) \cdot 10^4$	$1.5972(4) \cdot 10^3$	$1.01(2) \cdot 10^4$	$2.601(4) \cdot 10^4$
$2.11349 \cdot 10^{-5}$	$5.5465(4) \cdot 10^1$	$-1.377(1) \cdot 10^3$	$-4.05(9) \cdot 10^4$	$1.5548(4) \cdot 10^3$	$1.06(2) \cdot 10^4$	$2.498(4) \cdot 10^4$
$2.37137 \cdot 10^{-5}$	$5.4736(4) \cdot 10^1$	$-1.324(1) \cdot 10^3$	$-3.96(9) \cdot 10^4$	$1.5129(4) \cdot 10^3$	$1.12(2) \cdot 10^4$	$2.396(4) \cdot 10^4$
$2.66073 \cdot 10^{-5}$	$5.4008(4) \cdot 10^1$	$-1.270(1) \cdot 10^3$	$-3.85(9) \cdot 10^4$	$1.4716(3) \cdot 10^3$	$1.16(2) \cdot 10^4$	$2.296(4) \cdot 10^4$
$2.98538 \cdot 10^{-5}$	$5.3280(4) \cdot 10^1$	$-1.218(1) \cdot 10^3$	$-3.72(8) \cdot 10^4$	$1.4308(3) \cdot 10^3$	$1.20(2) \cdot 10^4$	$2.201(4) \cdot 10^4$
$3.34965 \cdot 10^{-5}$	$5.2552(4) \cdot 10^1$	$-1.166(1) \cdot 10^3$	$-3.66(8) \cdot 10^4$	$1.3906(3) \cdot 10^3$	$1.24(2) \cdot 10^4$	$2.109(3) \cdot 10^4$
$3.75837 \cdot 10^{-5}$	$5.1826(4) \cdot 10^1$	$-1.115(1) \cdot 10^3$	$-3.62(8) \cdot 10^4$	$1.3510(3) \cdot 10^3$	$1.28(2) \cdot 10^4$	$2.019(3) \cdot 10^4$
$4.21696 \cdot 10^{-5}$	$5.1097(4) \cdot 10^1$	$-1.066(1) \cdot 10^3$	$-3.50(7) \cdot 10^4$	$1.3117(3) \cdot 10^3$	$1.32(2) \cdot 10^4$	$1.931(3) \cdot 10^4$
$4.73150 \cdot 10^{-5}$	$5.0369(4) \cdot 10^1$	$-1.018(1) \cdot 10^3$	$-3.40(7) \cdot 10^4$	$1.2730(3) \cdot 10^3$	$1.36(2) \cdot 10^4$	$1.845(3) \cdot 10^4$
$5.30884 \cdot 10^{-5}$	$4.9641(4) \cdot 10^1$	$-9.71(1) \cdot 10^2$	$-3.28(7) \cdot 10^4$	$1.2350(3) \cdot 10^3$	$1.40(2) \cdot 10^4$	$1.760(3) \cdot 10^4$
$5.95662 \cdot 10^{-5}$	$4.8912(4) \cdot 10^1$	$-9.24(1) \cdot 10^2$	$-3.20(7) \cdot 10^4$	$1.1976(3) \cdot 10^3$	$1.42(2) \cdot 10^4$	$1.679(3) \cdot 10^4$
$6.68344 \cdot 10^{-5}$	$4.8185(4) \cdot 10^1$	$-8.794(9) \cdot 10^2$	$-3.13(6) \cdot 10^4$	$1.1606(3) \cdot 10^3$	$1.44(1) \cdot 10^4$	$1.598(3) \cdot 10^4$
$7.49894 \cdot 10^{-5}$	$4.7457(4) \cdot 10^1$	$-8.342(9) \cdot 10^2$	$-3.06(6) \cdot 10^4$	$1.1242(2) \cdot 10^3$	$1.47(1) \cdot 10^4$	$1.524(2) \cdot 10^4$
$8.41395 \cdot 10^{-5}$	$4.6728(4) \cdot 10^1$	$-7.907(8) \cdot 10^2$	$-2.97(6) \cdot 10^4$	$1.0885(2) \cdot 10^3$	$1.48(1) \cdot 10^4$	$1.450(2) \cdot 10^4$
$9.44061 \cdot 10^{-5}$	$4.6000(4) \cdot 10^1$	$-7.468(8) \cdot 10^2$	$-2.86(6) \cdot 10^4$	$1.0532(2) \cdot 10^3$	$1.49(1) \cdot 10^4$	$1.378(2) \cdot 10^4$
$1.05925 \cdot 10^{-4}$	$4.5272(4) \cdot 10^1$	$-7.065(8) \cdot 10^2$	$-2.74(5) \cdot 10^4$	$1.0185(2) \cdot 10^3$	$1.51(1) \cdot 10^4$	$1.308(2) \cdot 10^4$
$1.18850 \cdot 10^{-4}$	$4.4543(3) \cdot 10^1$	$-6.659(7) \cdot 10^2$	$-2.62(5) \cdot 10^4$	$9.843(2) \cdot 10^2$	$1.51(1) \cdot 10^4$	$1.238(2) \cdot 10^4$
$1.33352 \cdot 10^{-4}$	$4.3815(3) \cdot 10^1$	$-6.257(7) \cdot 10^2$	$-2.62(5) \cdot 10^4$	$9.507(2) \cdot 10^2$	$1.52(1) \cdot 10^4$	$1.173(2) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$4.3086(3) \cdot 10^1$	$-5.862(7) \cdot 10^2$	$-2.54(5) \cdot 10^4$	$9.176(2) \cdot 10^2$	$1.51(1) \cdot 10^4$	$1.112(2) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$4.2358(3) \cdot 10^1$	$-5.490(6) \cdot 10^2$	$-2.46(5) \cdot 10^4$	$8.852(2) \cdot 10^2$	$1.51(1) \cdot 10^4$	$1.051(2) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$4.1629(3) \cdot 10^1$	$-5.118(6) \cdot 10^2$	$-2.38(4) \cdot 10^4$	$8.532(2) \cdot 10^2$	$1.501(9) \cdot 10^4$	$9.92(2) \cdot 10^3$
$2.11349 \cdot 10^{-4}$	$4.0900(3) \cdot 10^1$	$-4.767(6) \cdot 10^2$	$-2.29(4) \cdot 10^4$	$8.218(2) \cdot 10^2$	$1.507(9) \cdot 10^4$	$9.34(1) \cdot 10^3$
$2.37137 \cdot 10^{-4}$	$4.0170(3) \cdot 10^1$	$-4.424(6) \cdot 10^2$	$-2.20(4) \cdot 10^4$	$7.910(2) \cdot 10^2$	$1.490(9) \cdot 10^4$	$8.80(1) \cdot 10^3$
$2.66073 \cdot 10^{-4}$	$3.9441(3) \cdot 10^1$	$-4.080(5) \cdot 10^2$	$-2.12(4) \cdot 10^4$	$7.608(1) \cdot 10^2$	$1.478(8) \cdot 10^4$	$8.27(1) \cdot 10^3$
$2.98538 \cdot 10^{-4}$	$3.8710(3) \cdot 10^1$	$-3.753(5) \cdot 10^2$	$-2.00(4) \cdot 10^4$	$7.311(1) \cdot 10^2$	$1.462(8) \cdot 10^4$	$7.76(1) \cdot 10^3$
$3.34965 \cdot 10^{-4}$	$3.7980(3) \cdot 10^1$	$-3.439(5) \cdot 10^2$	$-1.95(4) \cdot 10^4$	$7.020(1) \cdot 10^2$	$1.443(7) \cdot 10^4$	$7.27(1) \cdot 10^3$
$3.75837 \cdot 10^{-4}$	$3.7248(3) \cdot 10^1$	$-3.134(5) \cdot 10^2$	$-1.85(4) \cdot 10^4$	$6.733(1) \cdot 10^2$	$1.418(7) \cdot 10^4$	$6.80(1) \cdot 10^3$
$4.21697 \cdot 10^{-4}$	$3.6516(3) \cdot 10^1$	$-2.842(4) \cdot 10^2$	$-1.76(3) \cdot 10^4$	$6.452(1) \cdot 10^2$	$1.393(6) \cdot 10^4$	$6.35(1) \cdot 10^3$
$4.73151 \cdot 10^{-4}$	$3.5783(3) \cdot 10^1$	$-2.554(4) \cdot 10^2$	$-1.68(3) \cdot 10^4$	$6.177(1) \cdot 10^2$	$1.367(6) \cdot 10^4$	$5.91(1) \cdot 10^3$
$5.30884 \cdot 10^{-4}$	$3.5050(3) \cdot 10^1$	$-2.276(4) \cdot 10^2$	$-1.60(3) \cdot 10^4$	$5.908(1) \cdot 10^2$	$1.334(6) \cdot 10^4$	$5.488(9) \cdot 10^3$
$5.95662 \cdot 10^{-4}$	$3.4316(2) \cdot 10^1$	$-2.013(4) \cdot 10^2$	$-1.49(3) \cdot 10^4$	$5.6436(9) \cdot 10^2$	$1.303(5) \cdot 10^4$	$5.090(9) \cdot 10^3$
$6.68344 \cdot 10^{-4}$	$3.3583(2) \cdot 10^1$	$-1.755(3) \cdot 10^2$	$-1.41(3) \cdot 10^4$	$5.3847(8) \cdot 10^2$	$1.272(5) \cdot 10^4$	$4.722(8) \cdot 10^3$
$7.49894 \cdot 10^{-4}$	$3.2848(2) \cdot 10^1$	$-1.507(3) \cdot 10^2$	$-1.31(3) \cdot 10^4$	$5.1316(8) \cdot 10^2$	$1.241(5) \cdot 10^4$	$4.356(8) \cdot 10^3$
$8.41395 \cdot 10^{-4}$	$3.2111(2) \cdot 10^1$	$-1.271(3) \cdot 10^2$	$-1.27(3) \cdot 10^4$	$4.8834(7) \cdot 10^2$	$1.210(5) \cdot 10^4$	$4.011(7) \cdot 10^3$
$9.44061 \cdot 10^{-4}$	$3.1373(2) \cdot 10^1$	$-1.045(3) \cdot 10^2$	$-1.20(3) \cdot 10^4$	$4.6406(6) \cdot 10^2$	$1.171(4) \cdot 10^4$	$3.683(7) \cdot 10^3$
$1.05925 \cdot 10^{-3}$	$3.0636(2) \cdot 10^1$	$-8.27(3) \cdot 10^1$	$-1.08(2) \cdot 10^4$	$4.4033(6) \cdot 10^2$	$1.129(4) \cdot 10^4$	$3.355(6) \cdot 10^3$
$1.18850 \cdot 10^{-3}$	$2.9897(2) \cdot 10^1$	$-6.15(2) \cdot 10^1$	$-9.9(2) \cdot 10^3$	$4.1713(6) \cdot 10^2$	$1.093(4) \cdot 10^4$	$3.066(6) \cdot 10^3$
$1.33352 \cdot 10^{-3}$	$2.9157(2) \cdot 10^1$	$-4.18(2) \cdot 10^1$	$-9.2(2) \cdot 10^3$	$3.9444(5) \cdot 10^2$	$1.056(4) \cdot 10^4$	$2.778(5) \cdot 10^3$
$1.49624 \cdot 10^{-3}$	$2.8415(2) \cdot 10^1$	$-2.31(2) \cdot 10^1$	$-8.7(2) \cdot 10^3$	$3.7230(5) \cdot 10^2$	$1.013(3) \cdot 10^4$	$2.507(5) \cdot 10^3$
$1.67880 \cdot 10^{-3}$	$2.7671(1) \cdot 10^1$	$-5.1(2) \cdot 10^0$	$-8.2(2) \cdot 10^3$	$3.5067(4) \cdot 10^2$	$9.69(3) \cdot 10^3$	$2.222(5) \cdot 10^3$
$1.88365 \cdot 10^{-3}$	$2.6924(1) \cdot 10^1$	$1.16(2) \cdot 10^1$	$-7.6(2) \cdot 10^3$	$3.2959(4) \cdot 10^2$	$9.24(3) \cdot 10^3$	$2.002(4) \cdot 10^3$
$2.11349 \cdot 10^{-3}$	$2.6174(1) \cdot 10^1$	$2.77(2) \cdot 10^1$	$-6.9(2) \cdot 10^3$	$3.0900(4) \cdot 10^2$	$8.79(3) \cdot 10^3$	$1.748(4) \cdot 10^3$
$2.37136 \cdot 10^{-3}$	$2.5423(1) \cdot 10^1$	$4.25(2) \cdot 10^1$	$-6.3(2) \cdot 10^3$	$2.8896(3) \cdot 10^2$	$8.37(3) \cdot 10^3$	$1.515(3) \cdot 10^3$
$2.66073 \cdot 10^{-3}$	$2.4668(1) \cdot 10^1$	$5.67(2) \cdot 10^1$	$-5.9(2) \cdot 10^3$	$2.6944(3) \cdot 10^2$	$7.90(2) \cdot 10^3$	$1.325(3) \cdot 10^3$
$2.98538 \cdot 10^{-3}$	$2.3909(1) \cdot 10^1$	$6.96(1) \cdot 10^1$	$-5.3(2) \cdot 10^3$	$2.5043(3) \cdot 10^2$	$7.48(2) \cdot 10^3$	$1.139(3) \cdot 10^3$

Table 9: Perturbative coefficients for the inclusive Durham jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$2.31473(9) \cdot 10^1$	$8.20(1) \cdot 10^1$	$-4.6(2) \cdot 10^3$	$2.3192(3) \cdot 10^2$	$7.01(2) \cdot 10^3$	$9.93(3) \cdot 10^2$
$3.75837 \cdot 10^{-3}$	$2.23800(8) \cdot 10^1$	$9.32(1) \cdot 10^1$	$-4.1(2) \cdot 10^3$	$2.1395(2) \cdot 10^2$	$6.58(2) \cdot 10^3$	$8.41(2) \cdot 10^2$
$4.21696 \cdot 10^{-3}$	$2.16073(8) \cdot 10^1$	$1.037(1) \cdot 10^2$	$-3.6(1) \cdot 10^3$	$1.9651(2) \cdot 10^2$	$6.15(2) \cdot 10^3$	$7.18(2) \cdot 10^2$
$4.73151 \cdot 10^{-3}$	$2.08290(7) \cdot 10^1$	$1.133(1) \cdot 10^2$	$-3.0(1) \cdot 10^3$	$1.7962(2) \cdot 10^2$	$5.72(2) \cdot 10^3$	$6.05(2) \cdot 10^2$
$5.30884 \cdot 10^{-3}$	$2.00428(6) \cdot 10^1$	$1.220(1) \cdot 10^2$	$-2.7(1) \cdot 10^3$	$1.6325(2) \cdot 10^2$	$5.28(2) \cdot 10^3$	$6.551(2) \cdot 10^2$
$5.95662 \cdot 10^{-3}$	$1.92479(6) \cdot 10^1$	$1.2974(9) \cdot 10^2$	$-2.2(1) \cdot 10^3$	$1.4743(2) \cdot 10^2$	$4.86(1) \cdot 10^3$	$5.408(2) \cdot 10^2$
$6.68344 \cdot 10^{-3}$	$1.84436(5) \cdot 10^1$	$1.3639(9) \cdot 10^2$	$-1.7(1) \cdot 10^3$	$1.3217(2) \cdot 10^2$	$4.40(1) \cdot 10^3$	$4.387(1) \cdot 10^2$
$7.49894 \cdot 10^{-3}$	$1.76274(5) \cdot 10^1$	$1.4229(8) \cdot 10^2$	$-1.3(1) \cdot 10^3$	$1.1751(1) \cdot 10^2$	$3.97(1) \cdot 10^3$	$3.490(1) \cdot 10^2$
$8.41395 \cdot 10^{-3}$	$1.67978(5) \cdot 10^1$	$1.4705(8) \cdot 10^2$	$-8(1) \cdot 10^2$	$1.0349(1) \cdot 10^2$	$3.55(1) \cdot 10^3$	$2.713(1) \cdot 10^2$
$9.44061 \cdot 10^{-3}$	$1.59517(4) \cdot 10^1$	$1.5051(7) \cdot 10^2$	$-4(1) \cdot 10^2$	$9.015(1) \cdot 10^1$	$3.16(1) \cdot 10^3$	$2.0589(8) \cdot 10^2$
$1.05925 \cdot 10^{-2}$	$1.50858(4) \cdot 10^1$	$1.5270(7) \cdot 10^2$	$-1(1) \cdot 10^2$	$7.758(1) \cdot 10^1$	$2.747(9) \cdot 10^3$	$1.5231(6) \cdot 10^2$
$1.18850 \cdot 10^{-2}$	$1.41955(4) \cdot 10^1$	$1.5336(6) \cdot 10^2$	$2.9(9) \cdot 10^2$	$6.5913(9) \cdot 10^1$	$2.353(8) \cdot 10^3$	$1.0994(5) \cdot 10^2$
$1.33352 \cdot 10^{-2}$	$1.32786(4) \cdot 10^1$	$1.5210(6) \cdot 10^2$	$5.2(8) \cdot 10^2$	$5.5409(8) \cdot 10^1$	$1.995(7) \cdot 10^3$	$7.763(4) \cdot 10^1$
$1.49624 \cdot 10^{-2}$	$1.23786(3) \cdot 10^1$	$1.4940(5) \cdot 10^2$	$8.3(8) \cdot 10^2$	$4.6184(7) \cdot 10^1$	$1.677(6) \cdot 10^3$	$5.348(3) \cdot 10^1$
$1.67880 \cdot 10^{-2}$	$1.15113(3) \cdot 10^1$	$1.4555(5) \cdot 10^2$	$9.7(7) \cdot 10^2$	$3.8146(6) \cdot 10^1$	$1.404(5) \cdot 10^3$	$3.579(2) \cdot 10^1$
$1.88365 \cdot 10^{-2}$	$1.06762(3) \cdot 10^1$	$1.4075(4) \cdot 10^2$	$1.05(7) \cdot 10^3$	$3.1189(5) \cdot 10^1$	$1.153(4) \cdot 10^3$	$2.320(2) \cdot 10^1$
$2.11349 \cdot 10^{-2}$	$9.8736(2) \cdot 10^0$	$1.3501(4) \cdot 10^2$	$1.13(6) \cdot 10^3$	$2.5216(4) \cdot 10^1$	$9.37(4) \cdot 10^2$	$1.444(1) \cdot 10^1$
$2.37137 \cdot 10^{-2}$	$9.1033(2) \cdot 10^0$	$1.2859(3) \cdot 10^2$	$1.22(6) \cdot 10^3$	$2.0127(4) \cdot 10^1$	$7.72(3) \cdot 10^2$	$8.587(9) \cdot 10^0$
$2.66073 \cdot 10^{-2}$	$8.3651(2) \cdot 10^0$	$1.2159(3) \cdot 10^2$	$1.18(5) \cdot 10^3$	$1.5831(3) \cdot 10^1$	$6.36(3) \cdot 10^2$	$4.806(6) \cdot 10^0$
$2.98538 \cdot 10^{-2}$	$7.6585(2) \cdot 10^0$	$1.1413(3) \cdot 10^2$	$1.18(5) \cdot 10^3$	$1.2247(3) \cdot 10^1$	$4.94(2) \cdot 10^2$	$2.471(4) \cdot 10^0$
$3.34965 \cdot 10^{-2}$	$6.9837(2) \cdot 10^0$	$1.0634(3) \cdot 10^2$	$1.09(4) \cdot 10^3$	$9.293(2) \cdot 10^0$	$3.70(2) \cdot 10^2$	$1.134(2) \cdot 10^0$
$3.75837 \cdot 10^{-2}$	$6.3405(2) \cdot 10^0$	$9.833(2) \cdot 10^1$	$1.07(4) \cdot 10^3$	$6.895(2) \cdot 10^0$	$2.75(1) \cdot 10^2$	$4.11(1) \cdot 10^{-1}$
$4.21697 \cdot 10^{-2}$	$5.7285(1) \cdot 10^0$	$9.023(2) \cdot 10^1$	$1.03(4) \cdot 10^3$	$4.982(2) \cdot 10^0$	$2.11(1) \cdot 10^2$	$7.08(4) \cdot 10^{-2}$
$4.73151 \cdot 10^{-2}$	$5.1474(1) \cdot 10^0$	$8.210(2) \cdot 10^1$	$9.2(3) \cdot 10^2$	$3.487(1) \cdot 10^0$	$1.479(9) \cdot 10^2$	$1.4(1) \cdot 10^{-4}$
$5.30884 \cdot 10^{-2}$	$4.5974(1) \cdot 10^0$	$7.404(2) \cdot 10^1$	$8.5(3) \cdot 10^2$	$2.346(1) \cdot 10^0$	$9.92(7) \cdot 10^1$	$7(4) \cdot 10^{-8}$
$5.95662 \cdot 10^{-2}$	$4.0781(1) \cdot 10^0$	$6.615(2) \cdot 10^1$	$7.7(3) \cdot 10^2$	$1.5041(8) \cdot 10^0$	$1.97(3) \cdot 10^1$	$4(4) \cdot 10^{-11}$
$6.68344 \cdot 10^{-2}$	$3.58916(9) \cdot 10^0$	$5.843(1) \cdot 10^1$	$6.3(3) \cdot 10^2$	$9.067(6) \cdot 10^{-1}$	$1.51(2) \cdot 10^1$	$2.7(7) \cdot 10^{-7}$
$7.49894 \cdot 10^{-2}$	$3.13048(8) \cdot 10^0$	$5.104(1) \cdot 10^1$	$5.6(2) \cdot 10^2$	$5.031(4) \cdot 10^{-1}$	$-4.0(4) \cdot 10^{-1}$	0
$8.41395 \cdot 10^{-2}$	$2.70194(8) \cdot 10^0$	$4.405(1) \cdot 10^1$	$4.9(2) \cdot 10^2$	$2.492(3) \cdot 10^{-1}$	$3.7(3) \cdot 10^{-1}$	0
$9.44061 \cdot 10^{-2}$	$2.30342(7) \cdot 10^0$	$3.745(1) \cdot 10^1$	$4.2(2) \cdot 10^2$	$1.053(2) \cdot 10^{-1}$	$4.8(2) \cdot 10^{-2}$	0
$1.05925 \cdot 10^{-1}$	$1.93476(6) \cdot 10^0$	$3.128(1) \cdot 10^1$	$3.3(2) \cdot 10^2$	$3.46(1) \cdot 10^{-2}$	$-3.25(2) \cdot 10^{-2}$	0
$1.18850 \cdot 10^{-1}$	$1.59600(5) \cdot 10^0$	$2.5608(9) \cdot 10^1$	$2.7(1) \cdot 10^2$	$6.91(4) \cdot 10^{-3}$	$-5.98(8) \cdot 10^{-3}$	0
$1.33352 \cdot 10^{-1}$	$1.28725(5) \cdot 10^0$	$2.0474(8) \cdot 10^1$	$2.1(1) \cdot 10^2$	$3.29(6) \cdot 10^{-4}$	$-3.2(1) \cdot 10^{-3}$	0
$1.49624 \cdot 10^{-1}$	$1.00860(4) \cdot 10^0$	$1.5892(7) \cdot 10^1$	$1.7(1) \cdot 10^2$	$1.3(1) \cdot 10^{-4}$	$-3.4(7) \cdot 10^{-3}$	0
$1.67880 \cdot 10^{-1}$	$7.6047(4) \cdot 10^{-1}$	$1.1837(6) \cdot 10^1$	$1.17(9) \cdot 10^2$	0	0	0
$1.88365 \cdot 10^{-1}$	$5.4369(3) \cdot 10^{-1}$	$8.343(5) \cdot 10^0$	$7.7(7) \cdot 10^1$	0	0	0
$2.11349 \cdot 10^{-1}$	$3.5939(2) \cdot 10^{-1}$	$5.398(5) \cdot 10^0$	$4.7(6) \cdot 10^1$	0	0	0
$2.37137 \cdot 10^{-1}$	$2.0932(2) \cdot 10^{-1}$	$3.023(4) \cdot 10^0$	$2.8(4) \cdot 10^1$	0	0	0
$2.66073 \cdot 10^{-1}$	$9.624(1) \cdot 10^{-2}$	$1.250(3) \cdot 10^0$	$5(3) \cdot 10^0$	0	0	0
$2.98538 \cdot 10^{-1}$	$2.4357(6) \cdot 10^{-2}$	$1.59(2) \cdot 10^{-1}$	$-6(1) \cdot 10^0$	0	0	0
$3.34965 \cdot 10^{-1}$	0	0	0	0	0	0
$3.75837 \cdot 10^{-1}$	0	0	0	0	0	0
$4.21697 \cdot 10^{-1}$	0	0	0	0	0	0
$4.73151 \cdot 10^{-1}$	0	0	0	0	0	0
$5.30884 \cdot 10^{-1}$	0	0	0	0	0	0
$5.95662 \cdot 10^{-1}$	0	0	0	0	0	0
$6.68344 \cdot 10^{-1}$	0	0	0	0	0	0
$7.49894 \cdot 10^{-1}$	0	0	0	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 10: Perturbative coefficients for the inclusive Durham jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$7.5753(6) \cdot 10^1$	$-4.143(5) \cdot 10^3$	$-1.9(3) \cdot 10^4$	$3.0749(7) \cdot 10^3$	$-1.028(8) \cdot 10^5$	$7.20(1) \cdot 10^4$
$1.18850 \cdot 10^{-5}$	$7.5026(5) \cdot 10^1$	$-4.059(5) \cdot 10^3$	$-1.8(3) \cdot 10^4$	$3.0162(7) \cdot 10^3$	$-9.95(8) \cdot 10^4$	$7.01(1) \cdot 10^4$
$1.33352 \cdot 10^{-5}$	$7.4299(5) \cdot 10^1$	$-3.976(5) \cdot 10^3$	$-1.9(3) \cdot 10^4$	$2.9580(7) \cdot 10^3$	$-9.62(8) \cdot 10^4$	$6.81(1) \cdot 10^4$
$1.49624 \cdot 10^{-5}$	$7.3571(5) \cdot 10^1$	$-3.891(5) \cdot 10^3$	$-1.9(3) \cdot 10^4$	$2.9004(7) \cdot 10^3$	$-9.32(7) \cdot 10^4$	$6.62(1) \cdot 10^4$
$1.67880 \cdot 10^{-5}$	$7.2843(5) \cdot 10^1$	$-3.806(5) \cdot 10^3$	$-2.0(3) \cdot 10^4$	$2.8432(7) \cdot 10^3$	$-8.98(7) \cdot 10^4$	$6.44(1) \cdot 10^4$
$1.88365 \cdot 10^{-5}$	$7.2116(5) \cdot 10^1$	$-3.722(4) \cdot 10^3$	$-2.2(3) \cdot 10^4$	$2.7868(7) \cdot 10^3$	$-8.70(7) \cdot 10^4$	$6.26(1) \cdot 10^4$
$2.11349 \cdot 10^{-5}$	$7.1388(5) \cdot 10^1$	$-3.640(4) \cdot 10^3$	$-2.3(3) \cdot 10^4$	$2.7305(7) \cdot 10^3$	$-8.35(7) \cdot 10^4$	$6.07(1) \cdot 10^4$
$2.37137 \cdot 10^{-5}$	$7.0660(5) \cdot 10^1$	$-3.560(4) \cdot 10^3$	$-2.2(2) \cdot 10^4$	$2.6750(6) \cdot 10^3$	$-7.99(6) \cdot 10^4$	$5.89(1) \cdot 10^4$
$2.66073 \cdot 10^{-5}$	$6.9933(5) \cdot 10^1$	$-3.475(4) \cdot 10^3$	$-2.3(2) \cdot 10^4$	$2.6201(6) \cdot 10^3$	$-7.66(6) \cdot 10^4$	$5.71(1) \cdot 10^4$
$2.98538 \cdot 10^{-5}$	$6.9206(5) \cdot 10^1$	$-3.389(4) \cdot 10^3$	$-2.2(2) \cdot 10^4$	$2.5658(6) \cdot 10^3$	$-7.36(6) \cdot 10^4$	$5.54(1) \cdot 10^4$
$3.34965 \cdot 10^{-5}$	$6.8478(5) \cdot 10^1$	$-3.310(4) \cdot 10^3$	$-2.2(2) \cdot 10^4$	$2.5120(6) \cdot 10^3$	$-7.09(6) \cdot 10^4$	$5.363(9) \cdot 10^4$
$3.75837 \cdot 10^{-5}$	$6.7751(5) \cdot 10^1$	$-3.227(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.4588(6) \cdot 10^3$	$-6.78(5) \cdot 10^4$	$5.197(9) \cdot 10^4$
$4.21696 \cdot 10^{-5}$	$6.7023(5) \cdot 10^1$	$-3.148(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.4061(6) \cdot 10^3$	$-6.48(5) \cdot 10^4$	$5.038(9) \cdot 10^4$
$4.73150 \cdot 10^{-5}$	$6.6295(5) \cdot 10^1$	$-3.072(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.3541(6) \cdot 10^3$	$-6.16(5) \cdot 10^4$	$4.875(8) \cdot 10^4$
$5.30884 \cdot 10^{-5}$	$6.5568(5) \cdot 10^1$	$-2.993(3) \cdot 10^3$	$-2.7(2) \cdot 10^4$	$2.3025(6) \cdot 10^3$	$-5.91(5) \cdot 10^4$	$4.721(8) \cdot 10^4$
$5.95662 \cdot 10^{-5}$	$6.4841(5) \cdot 10^1$	$-2.916(3) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$2.2517(5) \cdot 10^3$	$-5.65(5) \cdot 10^4$	$4.571(8) \cdot 10^4$
$6.68344 \cdot 10^{-5}$	$6.4114(5) \cdot 10^1$	$-2.840(3) \cdot 10^3$	$-2.7(2) \cdot 10^4$	$2.2013(5) \cdot 10^3$	$-5.38(4) \cdot 10^4$	$4.419(8) \cdot 10^4$
$7.49894 \cdot 10^{-5}$	$6.3387(5) \cdot 10^1$	$-2.764(3) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$2.1514(5) \cdot 10^3$	$-5.11(4) \cdot 10^4$	$4.279(7) \cdot 10^4$
$8.41395 \cdot 10^{-5}$	$6.2659(5) \cdot 10^1$	$-2.689(2) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$2.1022(5) \cdot 10^3$	$-4.87(4) \cdot 10^4$	$4.134(7) \cdot 10^4$
$9.44061 \cdot 10^{-5}$	$6.1931(5) \cdot 10^1$	$-2.616(2) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$2.0536(5) \cdot 10^3$	$-4.66(4) \cdot 10^4$	$4.000(7) \cdot 10^4$
$1.05925 \cdot 10^{-4}$	$6.1203(5) \cdot 10^1$	$-2.543(2) \cdot 10^3$	$-2.6(1) \cdot 10^4$	$2.0054(5) \cdot 10^3$	$-4.42(4) \cdot 10^4$	$3.862(6) \cdot 10^4$
$1.18850 \cdot 10^{-4}$	$6.0477(5) \cdot 10^1$	$-2.472(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.9583(5) \cdot 10^3$	$-4.21(4) \cdot 10^4$	$3.724(6) \cdot 10^4$
$1.33352 \cdot 10^{-4}$	$5.9748(5) \cdot 10^1$	$-2.401(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.9114(5) \cdot 10^3$	$-3.98(3) \cdot 10^4$	$3.593(6) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$5.9021(5) \cdot 10^1$	$-2.330(2) \cdot 10^3$	$-2.6(1) \cdot 10^4$	$1.8649(4) \cdot 10^3$	$-3.77(3) \cdot 10^4$	$3.465(6) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$5.8293(5) \cdot 10^1$	$-2.261(2) \cdot 10^3$	$-2.6(1) \cdot 10^4$	$1.8192(4) \cdot 10^3$	$-3.55(3) \cdot 10^4$	$3.341(6) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$5.7565(4) \cdot 10^1$	$-2.192(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.7738(4) \cdot 10^3$	$-3.35(3) \cdot 10^4$	$3.220(5) \cdot 10^4$
$2.11349 \cdot 10^{-4}$	$5.6838(4) \cdot 10^1$	$-2.125(2) \cdot 10^3$	$-2.4(1) \cdot 10^4$	$1.7290(4) \cdot 10^3$	$-3.15(3) \cdot 10^4$	$3.104(5) \cdot 10^4$
$2.37137 \cdot 10^{-4}$	$5.6110(4) \cdot 10^1$	$-2.058(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.6849(4) \cdot 10^3$	$-2.96(3) \cdot 10^4$	$2.987(5) \cdot 10^4$
$2.66073 \cdot 10^{-4}$	$5.5382(4) \cdot 10^1$	$-1.994(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.6412(4) \cdot 10^3$	$-2.76(3) \cdot 10^4$	$2.873(5) \cdot 10^4$
$2.98538 \cdot 10^{-4}$	$5.4655(4) \cdot 10^1$	$-1.929(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.5983(4) \cdot 10^3$	$-2.57(3) \cdot 10^4$	$2.762(4) \cdot 10^4$
$3.34965 \cdot 10^{-4}$	$5.3928(4) \cdot 10^1$	$-1.864(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.5558(4) \cdot 10^3$	$-2.41(2) \cdot 10^4$	$2.652(4) \cdot 10^4$
$3.75837 \cdot 10^{-4}$	$5.3200(4) \cdot 10^1$	$-1.802(1) \cdot 10^3$	$-2.46(9) \cdot 10^4$	$1.5140(4) \cdot 10^3$	$-2.24(2) \cdot 10^4$	$2.547(4) \cdot 10^4$
$4.21697 \cdot 10^{-4}$	$5.2472(4) \cdot 10^1$	$-1.741(1) \cdot 10^3$	$-2.46(9) \cdot 10^4$	$1.4726(3) \cdot 10^3$	$-2.07(2) \cdot 10^4$	$2.444(4) \cdot 10^4$
$4.73151 \cdot 10^{-4}$	$5.1744(4) \cdot 10^1$	$-1.680(1) \cdot 10^3$	$-2.54(8) \cdot 10^4$	$1.4320(3) \cdot 10^3$	$-1.92(2) \cdot 10^4$	$2.345(4) \cdot 10^4$
$5.30884 \cdot 10^{-4}$	$5.1017(4) \cdot 10^1$	$-1.621(1) \cdot 10^3$	$-2.51(8) \cdot 10^4$	$1.3919(3) \cdot 10^3$	$-1.75(2) \cdot 10^4$	$2.250(4) \cdot 10^4$
$5.95662 \cdot 10^{-4}$	$5.0289(4) \cdot 10^1$	$-1.562(1) \cdot 10^3$	$-2.46(8) \cdot 10^4$	$1.3522(3) \cdot 10^3$	$-1.60(2) \cdot 10^4$	$2.155(3) \cdot 10^4$
$6.68344 \cdot 10^{-4}$	$4.9560(4) \cdot 10^1$	$-1.505(1) \cdot 10^3$	$-2.48(7) \cdot 10^4$	$1.3130(3) \cdot 10^3$	$-1.46(2) \cdot 10^4$	$2.063(3) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$4.8832(4) \cdot 10^1$	$-1.449(1) \cdot 10^3$	$-2.44(7) \cdot 10^4$	$1.2745(3) \cdot 10^3$	$-1.34(2) \cdot 10^4$	$1.973(3) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$4.8104(4) \cdot 10^1$	$-1.393(1) \cdot 10^3$	$-2.42(7) \cdot 10^4$	$1.2364(3) \cdot 10^3$	$-1.20(2) \cdot 10^4$	$1.883(3) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$4.7376(4) \cdot 10^1$	$-1.337(1) \cdot 10^3$	$-2.36(7) \cdot 10^4$	$1.1990(3) \cdot 10^3$	$-1.09(2) \cdot 10^4$	$1.800(3) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$4.6648(4) \cdot 10^1$	$-1.283(1) \cdot 10^3$	$-2.39(6) \cdot 10^4$	$1.1618(3) \cdot 10^3$	$-9.8(2) \cdot 10^3$	$1.719(3) \cdot 10^4$
$1.18850 \cdot 10^{-3}$	$4.5920(4) \cdot 10^1$	$-1.231(1) \cdot 10^3$	$-2.35(6) \cdot 10^4$	$1.1255(2) \cdot 10^3$	$-8.9(1) \cdot 10^3$	$1.638(3) \cdot 10^4$
$1.33352 \cdot 10^{-3}$	$4.5190(4) \cdot 10^1$	$-1.1788(9) \cdot 10^3$	$-2.31(6) \cdot 10^4$	$1.0896(2) \cdot 10^3$	$-7.8(1) \cdot 10^3$	$1.561(2) \cdot 10^4$
$1.49624 \cdot 10^{-3}$	$4.4462(4) \cdot 10^1$	$-1.1272(9) \cdot 10^3$	$-2.22(6) \cdot 10^4$	$1.0544(2) \cdot 10^3$	$-6.9(1) \cdot 10^3$	$1.486(2) \cdot 10^4$
$1.67880 \cdot 10^{-3}$	$4.3735(3) \cdot 10^1$	$-1.0770(8) \cdot 10^3$	$-2.17(5) \cdot 10^4$	$1.0198(2) \cdot 10^3$	$-6.0(1) \cdot 10^3$	$1.413(2) \cdot 10^4$
$1.88365 \cdot 10^{-3}$	$4.3007(3) \cdot 10^1$	$-1.0292(8) \cdot 10^3$	$-2.16(5) \cdot 10^4$	$9.855(2) \cdot 10^2$	$-5.1(1) \cdot 10^3$	$1.343(2) \cdot 10^4$
$2.11349 \cdot 10^{-3}$	$4.2279(3) \cdot 10^1$	$-9.813(8) \cdot 10^2$	$-2.11(5) \cdot 10^4$	$9.519(2) \cdot 10^2$	$-4.2(1) \cdot 10^3$	$1.275(2) \cdot 10^4$
$2.37136 \cdot 10^{-3}$	$4.1549(3) \cdot 10^1$	$-9.339(7) \cdot 10^2$	$-2.09(5) \cdot 10^4$	$9.189(2) \cdot 10^2$	$-3.4(1) \cdot 10^3$	$1.210(2) \cdot 10^4$
$2.66073 \cdot 10^{-3}$	$4.0818(3) \cdot 10^1$	$-8.882(7) \cdot 10^2$	$-2.07(5) \cdot 10^4$	$8.866(2) \cdot 10^2$	$-2.6(1) \cdot 10^3$	$1.146(2) \cdot 10^4$
$2.98538 \cdot 10^{-3}$	$4.0090(3) \cdot 10^1$	$-8.445(7) \cdot 10^2$	$-1.98(4) \cdot 10^4$	$8.546(2) \cdot 10^2$	$-1.9(1) \cdot 10^3$	$1.084(2) \cdot 10^4$

Table 11: Perturbative coefficients for the Aachen jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$3.9361(3) \cdot 10^1$	$-8.006(6) \cdot 10^2$	$-1.93(4) \cdot 10^4$	$8.233(2) \cdot 10^2$	$-1.22(9) \cdot 10^3$	$1.023(2) \cdot 10^4$
$3.75837 \cdot 10^{-3}$	$3.8632(3) \cdot 10^1$	$-7.572(6) \cdot 10^2$	$-1.91(4) \cdot 10^4$	$7.924(1) \cdot 10^2$	$-5.9(9) \cdot 10^2$	$9.64(2) \cdot 10^3$
$4.21696 \cdot 10^{-3}$	$3.7902(3) \cdot 10^1$	$-7.166(6) \cdot 10^2$	$-1.83(4) \cdot 10^4$	$7.623(1) \cdot 10^2$	$1.7(8) \cdot 10^2$	$9.09(1) \cdot 10^3$
$4.73151 \cdot 10^{-3}$	$3.7170(3) \cdot 10^1$	$-6.756(6) \cdot 10^2$	$-1.83(4) \cdot 10^4$	$7.326(1) \cdot 10^2$	$6.5(8) \cdot 10^2$	$8.56(1) \cdot 10^3$
$5.30884 \cdot 10^{-3}$	$3.6440(3) \cdot 10^1$	$-6.354(5) \cdot 10^2$	$-1.79(4) \cdot 10^4$	$7.034(1) \cdot 10^2$	$1.13(8) \cdot 10^3$	$8.04(1) \cdot 10^3$
$5.95662 \cdot 10^{-3}$	$3.5706(3) \cdot 10^1$	$-5.963(5) \cdot 10^2$	$-1.71(4) \cdot 10^4$	$6.748(1) \cdot 10^2$	$1.58(7) \cdot 10^3$	$7.55(1) \cdot 10^3$
$6.68344 \cdot 10^{-3}$	$3.4974(3) \cdot 10^1$	$-5.585(5) \cdot 10^2$	$-1.67(3) \cdot 10^4$	$6.467(1) \cdot 10^2$	$2.04(7) \cdot 10^3$	$7.06(1) \cdot 10^3$
$7.49894 \cdot 10^{-3}$	$3.4240(3) \cdot 10^1$	$-5.213(5) \cdot 10^2$	$-1.63(3) \cdot 10^4$	$6.193(1) \cdot 10^2$	$2.43(6) \cdot 10^3$	$6.60(1) \cdot 10^3$
$8.41395 \cdot 10^{-3}$	$3.3506(2) \cdot 10^1$	$-4.856(4) \cdot 10^2$	$-1.55(3) \cdot 10^4$	$5.9233(9) \cdot 10^2$	$2.90(6) \cdot 10^3$	$6.15(1) \cdot 10^3$
$9.44061 \cdot 10^{-3}$	$3.2770(2) \cdot 10^1$	$-4.507(4) \cdot 10^2$	$-1.50(3) \cdot 10^4$	$5.6594(8) \cdot 10^2$	$3.20(6) \cdot 10^3$	$5.732(9) \cdot 10^3$
$1.05925 \cdot 10^{-2}$	$3.2034(2) \cdot 10^1$	$-4.171(4) \cdot 10^2$	$-1.48(3) \cdot 10^4$	$5.4010(8) \cdot 10^2$	$3.48(5) \cdot 10^3$	$5.322(9) \cdot 10^3$
$1.18850 \cdot 10^{-2}$	$3.1299(2) \cdot 10^1$	$-3.837(4) \cdot 10^2$	$-1.40(3) \cdot 10^4$	$5.1484(7) \cdot 10^2$	$3.67(5) \cdot 10^3$	$4.926(8) \cdot 10^3$
$1.33352 \cdot 10^{-2}$	$3.0562(2) \cdot 10^1$	$-3.524(3) \cdot 10^2$	$-1.34(3) \cdot 10^4$	$4.9004(7) \cdot 10^2$	$3.88(5) \cdot 10^3$	$4.551(8) \cdot 10^3$
$1.49624 \cdot 10^{-2}$	$2.9825(2) \cdot 10^1$	$-3.214(3) \cdot 10^2$	$-1.29(3) \cdot 10^4$	$4.6579(6) \cdot 10^2$	$4.04(5) \cdot 10^3$	$4.196(7) \cdot 10^3$
$1.67880 \cdot 10^{-2}$	$2.9084(2) \cdot 10^1$	$-2.918(3) \cdot 10^2$	$-1.22(2) \cdot 10^4$	$4.4206(6) \cdot 10^2$	$4.16(4) \cdot 10^3$	$3.866(7) \cdot 10^3$
$1.88365 \cdot 10^{-2}$	$2.8344(2) \cdot 10^1$	$-2.632(3) \cdot 10^2$	$-1.18(2) \cdot 10^4$	$4.1889(5) \cdot 10^2$	$4.29(4) \cdot 10^3$	$3.548(6) \cdot 10^3$
$2.11349 \cdot 10^{-2}$	$2.7602(2) \cdot 10^1$	$-2.354(2) \cdot 10^2$	$-1.11(2) \cdot 10^4$	$3.9623(5) \cdot 10^2$	$4.40(4) \cdot 10^3$	$3.245(6) \cdot 10^3$
$2.37137 \cdot 10^{-2}$	$2.6858(1) \cdot 10^1$	$-2.085(2) \cdot 10^2$	$-1.06(2) \cdot 10^4$	$3.7408(4) \cdot 10^2$	$4.47(4) \cdot 10^3$	$2.949(6) \cdot 10^3$
$2.66073 \cdot 10^{-2}$	$2.6112(1) \cdot 10^1$	$-1.826(2) \cdot 10^2$	$-1.01(2) \cdot 10^4$	$3.5245(4) \cdot 10^2$	$4.47(3) \cdot 10^3$	$2.669(5) \cdot 10^3$
$2.98538 \cdot 10^{-2}$	$2.5362(1) \cdot 10^1$	$-1.578(2) \cdot 10^2$	$-9.6(2) \cdot 10^3$	$3.3136(4) \cdot 10^2$	$4.47(3) \cdot 10^3$	$2.417(5) \cdot 10^3$
$3.34965 \cdot 10^{-2}$	$2.4610(1) \cdot 10^1$	$-1.339(2) \cdot 10^2$	$-9.0(2) \cdot 10^3$	$3.1078(4) \cdot 10^2$	$4.46(3) \cdot 10^3$	$2.163(4) \cdot 10^3$
$3.75837 \cdot 10^{-2}$	$2.38561(9) \cdot 10^1$	$-1.111(2) \cdot 10^2$	$-8.5(2) \cdot 10^3$	$2.9075(3) \cdot 10^2$	$4.44(3) \cdot 10^3$	$1.934(4) \cdot 10^3$
$4.21697 \cdot 10^{-2}$	$2.30981(8) \cdot 10^1$	$-8.88(2) \cdot 10^1$	$-7.9(2) \cdot 10^3$	$2.7119(3) \cdot 10^2$	$4.36(3) \cdot 10^3$	$1.721(4) \cdot 10^3$
$4.73151 \cdot 10^{-2}$	$2.23359(7) \cdot 10^1$	$-6.77(1) \cdot 10^1$	$-7.4(2) \cdot 10^3$	$2.5216(3) \cdot 10^2$	$4.29(2) \cdot 10^3$	$1.495(3) \cdot 10^3$
$5.30884 \cdot 10^{-2}$	$2.15691(7) \cdot 10^1$	$-4.77(1) \cdot 10^1$	$-6.8(2) \cdot 10^3$	$2.3366(3) \cdot 10^2$	$4.17(2) \cdot 10^3$	$1.317(3) \cdot 10^3$
$5.95662 \cdot 10^{-2}$	$2.07969(7) \cdot 10^1$	$-2.86(1) \cdot 10^1$	$-6.2(1) \cdot 10^3$	$2.1568(2) \cdot 10^2$	$4.06(2) \cdot 10^3$	$1.147(3) \cdot 10^3$
$6.68344 \cdot 10^{-2}$	$2.00188(7) \cdot 10^1$	$-1.06(1) \cdot 10^1$	$-5.6(1) \cdot 10^3$	$1.9822(2) \cdot 10^2$	$3.92(2) \cdot 10^3$	$9.75(3) \cdot 10^2$
$7.49894 \cdot 10^{-2}$	$1.92341(6) \cdot 10^1$	$6.2(1) \cdot 10^0$	$-5.0(1) \cdot 10^3$	$1.8127(2) \cdot 10^2$	$3.77(2) \cdot 10^3$	$8.11(2) \cdot 10^2$
$8.41395 \cdot 10^{-2}$	$1.84411(6) \cdot 10^1$	$2.22(1) \cdot 10^1$	$-4.4(1) \cdot 10^3$	$1.6483(2) \cdot 10^2$	$3.60(2) \cdot 10^3$	$6.39(2) \cdot 10^2$
$9.44061 \cdot 10^{-2}$	$1.76394(6) \cdot 10^1$	$3.68(1) \cdot 10^1$	$-3.9(1) \cdot 10^3$	$1.4893(2) \cdot 10^2$	$3.41(1) \cdot 10^3$	$5.24(2) \cdot 10^2$
$1.05925 \cdot 10^{-1}$	$1.68283(5) \cdot 10^1$	$5.05(1) \cdot 10^1$	$-3.3(1) \cdot 10^3$	$1.3355(2) \cdot 10^2$	$3.21(1) \cdot 10^3$	$1.64(1) \cdot 10^2$
$1.18850 \cdot 10^{-1}$	$1.60056(5) \cdot 10^1$	$6.296(9) \cdot 10^1$	$-2.8(1) \cdot 10^3$	$1.1870(1) \cdot 10^2$	$2.97(1) \cdot 10^3$	$5.005(2) \cdot 10^2$
$1.33352 \cdot 10^{-1}$	$1.51693(4) \cdot 10^1$	$7.421(8) \cdot 10^1$	$-2.2(1) \cdot 10^3$	$1.0440(1) \cdot 10^2$	$2.74(1) \cdot 10^3$	$4.003(1) \cdot 10^2$
$1.49624 \cdot 10^{-1}$	$1.43169(4) \cdot 10^1$	$8.405(7) \cdot 10^1$	$-1.83(9) \cdot 10^3$	$9.067(1) \cdot 10^1$	$2.49(1) \cdot 10^3$	$3.115(1) \cdot 10^2$
$1.67880 \cdot 10^{-1}$	$1.34464(4) \cdot 10^1$	$9.253(7) \cdot 10^1$	$-1.34(9) \cdot 10^3$	$7.752(1) \cdot 10^1$	$2.232(9) \cdot 10^3$	$2.3432(9) \cdot 10^2$
$1.88365 \cdot 10^{-1}$	$1.25543(3) \cdot 10^1$	$9.951(6) \cdot 10^1$	$-8.6(8) \cdot 10^2$	$6.4999(9) \cdot 10^1$	$1.963(8) \cdot 10^3$	$1.6883(7) \cdot 10^2$
$2.11349 \cdot 10^{-1}$	$1.16367(3) \cdot 10^1$	$1.0475(5) \cdot 10^2$	$-3.3(8) \cdot 10^2$	$5.3154(8) \cdot 10^1$	$1.677(6) \cdot 10^3$	$1.1476(5) \cdot 10^2$
$2.37137 \cdot 10^{-1}$	$1.06884(3) \cdot 10^1$	$1.0811(5) \cdot 10^2$	$-2(7) \cdot 10^1$	$4.2060(7) \cdot 10^1$	$1.389(6) \cdot 10^3$	$7.221(4) \cdot 10^1$
$2.66073 \cdot 10^{-1}$	$9.7027(3) \cdot 10^0$	$1.0917(5) \cdot 10^2$	$3.5(7) \cdot 10^2$	$3.1839(6) \cdot 10^1$	$1.096(5) \cdot 10^3$	$4.071(3) \cdot 10^1$
$2.98538 \cdot 10^{-1}$	$8.6719(3) \cdot 10^0$	$1.0761(4) \cdot 10^2$	$6.5(6) \cdot 10^2$	$2.2666(5) \cdot 10^1$	$8.00(4) \cdot 10^2$	$1.952(2) \cdot 10^1$
$3.34965 \cdot 10^{-1}$	$7.5848(2) \cdot 10^0$	$1.0272(4) \cdot 10^2$	$8.4(5) \cdot 10^2$	$1.4818(4) \cdot 10^1$	$5.48(3) \cdot 10^2$	$7.293(9) \cdot 10^0$
$3.75837 \cdot 10^{-1}$	$6.4268(2) \cdot 10^0$	$9.371(4) \cdot 10^1$	$9.5(5) \cdot 10^2$	$8.559(3) \cdot 10^0$	$3.48(2) \cdot 10^2$	$1.656(4) \cdot 10^0$
$4.21697 \cdot 10^{-1}$	$5.1766(2) \cdot 10^0$	$7.993(3) \cdot 10^1$	$8.8(4) \cdot 10^2$	$4.035(2) \cdot 10^0$	$1.58(1) \cdot 10^2$	$1.23(2) \cdot 10^{-2}$
$4.73151 \cdot 10^{-1}$	$3.8036(1) \cdot 10^0$	$6.084(3) \cdot 10^1$	$6.9(3) \cdot 10^2$	$1.3057(9) \cdot 10^0$	$4.13(5) \cdot 10^1$	$1.0(7) \cdot 10^{-8}$
$5.30884 \cdot 10^{-1}$	$2.2601(1) \cdot 10^0$	$3.589(2) \cdot 10^1$	$4.0(2) \cdot 10^2$	$1.953(3) \cdot 10^{-1}$	$-1.4(6) \cdot 10^{-2}$	0
$5.95662 \cdot 10^{-1}$	$9.2540(4) \cdot 10^{-1}$	$1.4147(8) \cdot 10^1$	$1.2(1) \cdot 10^2$	$4.44(3) \cdot 10^{-3}$	$-5.13(8) \cdot 10^{-3}$	0
$6.68344 \cdot 10^{-1}$	$2.4145(2) \cdot 10^{-1}$	$3.626(4) \cdot 10^0$	$3.0(4) \cdot 10^1$	0	0	0
$7.49894 \cdot 10^{-1}$	$4.6(3) \cdot 10^{-6}$	$-7(6) \cdot 10^{-27}$	$5(3) \cdot 10^{-15}$	0	0	0
$8.41395 \cdot 10^{-1}$	0	0	0	0	0	0
$9.44061 \cdot 10^{-1}$	0	0	0	0	0	0

Table 12: Perturbative coefficients for the Aachen jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$8.0409(6) \cdot 10^1$	$-5.613(7) \cdot 10^3$	$-3.0(5) \cdot 10^4$	$3.7882(9) \cdot 10^3$	$-2.04(1) \cdot 10^5$	$1.054(2) \cdot 10^5$
$1.18850 \cdot 10^{-5}$	$7.9682(6) \cdot 10^1$	$-5.531(7) \cdot 10^3$	$-3.0(5) \cdot 10^4$	$3.7228(9) \cdot 10^3$	$-2.02(1) \cdot 10^5$	$1.029(2) \cdot 10^5$
$1.33352 \cdot 10^{-5}$	$7.8954(6) \cdot 10^1$	$-5.440(6) \cdot 10^3$	$-2.7(5) \cdot 10^4$	$3.6583(9) \cdot 10^3$	$-1.98(1) \cdot 10^5$	$1.003(2) \cdot 10^5$
$1.49624 \cdot 10^{-5}$	$7.8228(6) \cdot 10^1$	$-5.358(6) \cdot 10^3$	$-3.1(4) \cdot 10^4$	$3.5944(9) \cdot 10^3$	$-1.93(1) \cdot 10^5$	$9.78(2) \cdot 10^4$
$1.67880 \cdot 10^{-5}$	$7.7501(6) \cdot 10^1$	$-5.270(6) \cdot 10^3$	$-2.9(4) \cdot 10^4$	$3.5310(9) \cdot 10^3$	$-1.89(1) \cdot 10^5$	$9.54(2) \cdot 10^4$
$1.88365 \cdot 10^{-5}$	$7.6775(6) \cdot 10^1$	$-5.175(6) \cdot 10^3$	$-2.7(4) \cdot 10^4$	$3.4682(8) \cdot 10^3$	$-1.85(1) \cdot 10^5$	$9.29(2) \cdot 10^4$
$2.11349 \cdot 10^{-5}$	$7.6048(6) \cdot 10^1$	$-5.084(5) \cdot 10^3$	$-2.3(4) \cdot 10^4$	$3.4059(8) \cdot 10^3$	$-1.79(1) \cdot 10^5$	$9.06(2) \cdot 10^4$
$2.37137 \cdot 10^{-5}$	$7.5320(5) \cdot 10^1$	$-4.992(5) \cdot 10^3$	$-2.3(4) \cdot 10^4$	$3.3445(8) \cdot 10^3$	$-1.75(1) \cdot 10^5$	$8.83(2) \cdot 10^4$
$2.66073 \cdot 10^{-5}$	$7.4593(5) \cdot 10^1$	$-4.902(5) \cdot 10^3$	$-1.9(4) \cdot 10^4$	$3.2832(8) \cdot 10^3$	$-1.71(1) \cdot 10^5$	$8.61(2) \cdot 10^4$
$2.98538 \cdot 10^{-5}$	$7.3865(5) \cdot 10^1$	$-4.809(5) \cdot 10^3$	$-1.8(4) \cdot 10^4$	$3.2226(8) \cdot 10^3$	$-1.662(9) \cdot 10^5$	$8.38(2) \cdot 10^4$
$3.34965 \cdot 10^{-5}$	$7.3138(5) \cdot 10^1$	$-4.723(5) \cdot 10^3$	$-1.8(3) \cdot 10^4$	$3.1623(8) \cdot 10^3$	$-1.618(9) \cdot 10^5$	$8.17(2) \cdot 10^4$
$3.75837 \cdot 10^{-5}$	$7.2410(5) \cdot 10^1$	$-4.635(4) \cdot 10^3$	$-1.7(3) \cdot 10^4$	$3.1028(8) \cdot 10^3$	$-1.571(9) \cdot 10^5$	$7.96(1) \cdot 10^4$
$4.21696 \cdot 10^{-5}$	$7.1682(5) \cdot 10^1$	$-4.539(4) \cdot 10^3$	$-1.8(3) \cdot 10^4$	$3.0440(7) \cdot 10^3$	$-1.535(9) \cdot 10^5$	$7.75(1) \cdot 10^4$
$4.73150 \cdot 10^{-5}$	$7.0954(5) \cdot 10^1$	$-4.443(4) \cdot 10^3$	$-1.5(3) \cdot 10^4$	$2.9852(7) \cdot 10^3$	$-1.490(8) \cdot 10^5$	$7.53(1) \cdot 10^4$
$5.30884 \cdot 10^{-5}$	$7.0227(5) \cdot 10^1$	$-4.356(4) \cdot 10^3$	$-1.5(3) \cdot 10^4$	$2.9271(7) \cdot 10^3$	$-1.447(8) \cdot 10^5$	$7.33(1) \cdot 10^4$
$5.95662 \cdot 10^{-5}$	$6.9499(5) \cdot 10^1$	$-4.262(4) \cdot 10^3$	$-1.6(3) \cdot 10^4$	$2.8698(7) \cdot 10^3$	$-1.411(8) \cdot 10^5$	$7.13(1) \cdot 10^4$
$6.68344 \cdot 10^{-5}$	$6.8771(5) \cdot 10^1$	$-4.171(4) \cdot 10^3$	$-1.6(3) \cdot 10^4$	$2.8132(7) \cdot 10^3$	$-1.367(7) \cdot 10^5$	$6.93(1) \cdot 10^4$
$7.49894 \cdot 10^{-5}$	$6.8044(5) \cdot 10^1$	$-4.082(3) \cdot 10^3$	$-1.5(3) \cdot 10^4$	$2.7570(7) \cdot 10^3$	$-1.324(7) \cdot 10^5$	$6.74(1) \cdot 10^4$
$8.41395 \cdot 10^{-5}$	$6.7317(5) \cdot 10^1$	$-3.994(3) \cdot 10^3$	$-1.5(2) \cdot 10^4$	$2.7013(7) \cdot 10^3$	$-1.281(7) \cdot 10^5$	$6.56(1) \cdot 10^4$
$9.44061 \cdot 10^{-5}$	$6.6590(5) \cdot 10^1$	$-3.909(3) \cdot 10^3$	$-1.4(2) \cdot 10^4$	$2.6463(7) \cdot 10^3$	$-1.240(7) \cdot 10^5$	$6.36(1) \cdot 10^4$
$1.05925 \cdot 10^{-4}$	$6.5864(5) \cdot 10^1$	$-3.823(3) \cdot 10^3$	$-1.5(2) \cdot 10^4$	$2.5917(6) \cdot 10^3$	$-1.201(6) \cdot 10^5$	$6.18(1) \cdot 10^4$
$1.18850 \cdot 10^{-4}$	$6.5136(5) \cdot 10^1$	$-3.734(3) \cdot 10^3$	$-1.4(2) \cdot 10^4$	$2.5377(6) \cdot 10^3$	$-1.166(6) \cdot 10^5$	$6.00(1) \cdot 10^4$
$1.33352 \cdot 10^{-4}$	$6.4409(5) \cdot 10^1$	$-3.649(3) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.4847(6) \cdot 10^3$	$-1.129(6) \cdot 10^5$	$5.83(1) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$6.3681(5) \cdot 10^1$	$-3.562(3) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.4320(6) \cdot 10^3$	$-1.088(6) \cdot 10^5$	$5.64(1) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$6.2953(5) \cdot 10^1$	$-3.481(3) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.3801(6) \cdot 10^3$	$-1.049(6) \cdot 10^5$	$5.478(9) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$6.2225(5) \cdot 10^1$	$-3.399(2) \cdot 10^3$	$-1.2(2) \cdot 10^4$	$2.3286(6) \cdot 10^3$	$-1.017(5) \cdot 10^5$	$5.316(9) \cdot 10^4$
$2.11349 \cdot 10^{-4}$	$6.1498(5) \cdot 10^1$	$-3.318(2) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.2773(6) \cdot 10^3$	$-9.81(5) \cdot 10^4$	$5.154(9) \cdot 10^4$
$2.37137 \cdot 10^{-4}$	$6.0770(5) \cdot 10^1$	$-3.236(2) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.2268(5) \cdot 10^3$	$-9.46(5) \cdot 10^4$	$4.995(8) \cdot 10^4$
$2.66073 \cdot 10^{-4}$	$6.0042(5) \cdot 10^1$	$-3.155(2) \cdot 10^3$	$-1.3(2) \cdot 10^4$	$2.1770(5) \cdot 10^3$	$-9.09(5) \cdot 10^4$	$4.834(8) \cdot 10^4$
$2.98538 \cdot 10^{-4}$	$5.9315(5) \cdot 10^1$	$-3.076(2) \cdot 10^3$	$-1.2(2) \cdot 10^4$	$2.1275(5) \cdot 10^3$	$-8.77(5) \cdot 10^4$	$4.679(8) \cdot 10^4$
$3.34965 \cdot 10^{-4}$	$5.8589(5) \cdot 10^1$	$-2.997(2) \cdot 10^3$	$-1.2(2) \cdot 10^4$	$2.0787(5) \cdot 10^3$	$-8.41(4) \cdot 10^4$	$4.533(8) \cdot 10^4$
$3.75837 \cdot 10^{-4}$	$5.7861(4) \cdot 10^1$	$-2.921(2) \cdot 10^3$	$-1.2(1) \cdot 10^4$	$2.0304(5) \cdot 10^3$	$-8.11(4) \cdot 10^4$	$4.379(7) \cdot 10^4$
$4.21697 \cdot 10^{-4}$	$5.7133(4) \cdot 10^1$	$-2.844(2) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.9827(5) \cdot 10^3$	$-7.78(4) \cdot 10^4$	$4.234(7) \cdot 10^4$
$4.73151 \cdot 10^{-4}$	$5.6404(4) \cdot 10^1$	$-2.768(2) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.9355(5) \cdot 10^3$	$-7.48(4) \cdot 10^4$	$4.089(7) \cdot 10^4$
$5.30884 \cdot 10^{-4}$	$5.5676(4) \cdot 10^1$	$-2.692(2) \cdot 10^3$	$-1.2(1) \cdot 10^4$	$1.8891(5) \cdot 10^3$	$-7.20(4) \cdot 10^4$	$3.952(7) \cdot 10^4$
$5.95662 \cdot 10^{-4}$	$5.4948(4) \cdot 10^1$	$-2.619(2) \cdot 10^3$	$-1.2(1) \cdot 10^4$	$1.8432(4) \cdot 10^3$	$-6.87(4) \cdot 10^4$	$3.816(6) \cdot 10^4$
$6.68344 \cdot 10^{-4}$	$5.4220(4) \cdot 10^1$	$-2.546(2) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.7976(4) \cdot 10^3$	$-6.61(3) \cdot 10^4$	$3.683(6) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$5.3492(4) \cdot 10^1$	$-2.473(2) \cdot 10^3$	$-1.1(1) \cdot 10^4$	$1.7529(4) \cdot 10^3$	$-6.33(3) \cdot 10^4$	$3.556(6) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$5.2765(4) \cdot 10^1$	$-2.403(2) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.7085(4) \cdot 10^3$	$-6.05(3) \cdot 10^4$	$3.431(6) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$5.2038(4) \cdot 10^1$	$-2.333(1) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.6647(4) \cdot 10^3$	$-5.79(3) \cdot 10^4$	$3.310(5) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$5.1309(4) \cdot 10^1$	$-2.264(1) \cdot 10^3$	$-1.3(1) \cdot 10^4$	$1.6214(4) \cdot 10^3$	$-5.54(3) \cdot 10^4$	$3.188(5) \cdot 10^4$
$1.18850 \cdot 10^{-3}$	$5.0581(4) \cdot 10^1$	$-2.196(1) \cdot 10^3$	$-1.2(1) \cdot 10^4$	$1.5789(4) \cdot 10^3$	$-5.29(3) \cdot 10^4$	$3.075(5) \cdot 10^4$
$1.33352 \cdot 10^{-3}$	$4.9852(4) \cdot 10^1$	$-2.130(1) \cdot 10^3$	$-1.25(9) \cdot 10^4$	$1.5368(4) \cdot 10^3$	$-5.02(3) \cdot 10^4$	$2.961(5) \cdot 10^4$
$1.49624 \cdot 10^{-3}$	$4.9124(4) \cdot 10^1$	$-2.062(1) \cdot 10^3$	$-1.26(9) \cdot 10^4$	$1.4954(3) \cdot 10^3$	$-4.80(3) \cdot 10^4$	$2.848(5) \cdot 10^4$
$1.67880 \cdot 10^{-3}$	$4.8395(4) \cdot 10^1$	$-1.998(1) \cdot 10^3$	$-1.23(9) \cdot 10^4$	$1.4544(3) \cdot 10^3$	$-4.58(2) \cdot 10^4$	$2.738(4) \cdot 10^4$
$1.88365 \cdot 10^{-3}$	$4.7668(4) \cdot 10^1$	$-1.935(1) \cdot 10^3$	$-1.27(8) \cdot 10^4$	$1.4139(3) \cdot 10^3$	$-4.37(2) \cdot 10^4$	$2.632(4) \cdot 10^4$
$2.11349 \cdot 10^{-3}$	$4.6939(4) \cdot 10^1$	$-1.871(1) \cdot 10^3$	$-1.23(8) \cdot 10^4$	$1.3740(3) \cdot 10^3$	$-4.15(2) \cdot 10^4$	$2.530(4) \cdot 10^4$
$2.37136 \cdot 10^{-3}$	$4.6209(4) \cdot 10^1$	$-1.809(1) \cdot 10^3$	$-1.26(8) \cdot 10^4$	$1.3347(3) \cdot 10^3$	$-3.93(2) \cdot 10^4$	$2.429(4) \cdot 10^4$
$2.66073 \cdot 10^{-3}$	$4.5481(4) \cdot 10^1$	$-1.748(1) \cdot 10^3$	$-1.25(8) \cdot 10^4$	$1.2961(3) \cdot 10^3$	$-3.74(2) \cdot 10^4$	$2.332(4) \cdot 10^4$
$2.98538 \cdot 10^{-3}$	$4.4753(4) \cdot 10^1$	$-1.688(1) \cdot 10^3$	$-1.27(7) \cdot 10^4$	$1.2577(3) \cdot 10^3$	$-3.53(2) \cdot 10^4$	$2.236(3) \cdot 10^4$

Table 13: Perturbative coefficients for the anti- k_t jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$4.4024(3) \cdot 10^1$	$-1.629(1) \cdot 10^3$	$-1.20(7) \cdot 10^4$	$1.2202(3) \cdot 10^3$	$-3.34(2) \cdot 10^4$	$2.140(3) \cdot 10^4$
$3.75837 \cdot 10^{-3}$	$4.3295(3) \cdot 10^1$	$-1.570(1) \cdot 10^3$	$-1.22(7) \cdot 10^4$	$1.1829(3) \cdot 10^3$	$-3.15(2) \cdot 10^4$	$2.049(3) \cdot 10^4$
$4.21696 \cdot 10^{-3}$	$4.2566(3) \cdot 10^1$	$-1.5135(9) \cdot 10^3$	$-1.18(6) \cdot 10^4$	$1.1464(2) \cdot 10^3$	$-2.98(2) \cdot 10^4$	$1.960(3) \cdot 10^4$
$4.73151 \cdot 10^{-3}$	$4.1836(3) \cdot 10^1$	$-1.4568(9) \cdot 10^3$	$-1.12(6) \cdot 10^4$	$1.1104(2) \cdot 10^3$	$-2.81(2) \cdot 10^4$	$1.873(3) \cdot 10^4$
$5.30884 \cdot 10^{-3}$	$4.1108(3) \cdot 10^1$	$-1.4020(8) \cdot 10^3$	$-1.14(6) \cdot 10^4$	$1.0750(2) \cdot 10^3$	$-2.65(2) \cdot 10^4$	$1.789(3) \cdot 10^4$
$5.95662 \cdot 10^{-3}$	$4.0377(3) \cdot 10^1$	$-1.3488(8) \cdot 10^3$	$-1.12(6) \cdot 10^4$	$1.0401(2) \cdot 10^3$	$-2.49(1) \cdot 10^4$	$1.710(3) \cdot 10^4$
$6.68344 \cdot 10^{-3}$	$3.9646(3) \cdot 10^1$	$-1.2954(8) \cdot 10^3$	$-1.11(5) \cdot 10^4$	$1.0057(2) \cdot 10^3$	$-2.35(1) \cdot 10^4$	$1.627(2) \cdot 10^4$
$7.49894 \cdot 10^{-3}$	$3.8916(3) \cdot 10^1$	$-1.2444(7) \cdot 10^3$	$-1.14(5) \cdot 10^4$	$9.719(2) \cdot 10^2$	$-2.20(1) \cdot 10^4$	$1.552(2) \cdot 10^4$
$8.41395 \cdot 10^{-3}$	$3.8183(3) \cdot 10^1$	$-1.1925(7) \cdot 10^3$	$-1.13(5) \cdot 10^4$	$9.387(2) \cdot 10^2$	$-2.05(1) \cdot 10^4$	$1.479(2) \cdot 10^4$
$9.44061 \cdot 10^{-3}$	$3.7451(3) \cdot 10^1$	$-1.1432(7) \cdot 10^3$	$-1.11(5) \cdot 10^4$	$9.060(2) \cdot 10^2$	$-1.91(1) \cdot 10^4$	$1.407(2) \cdot 10^4$
$1.05925 \cdot 10^{-2}$	$3.6718(3) \cdot 10^1$	$-1.0934(6) \cdot 10^3$	$-1.07(5) \cdot 10^4$	$8.739(2) \cdot 10^2$	$-1.77(1) \cdot 10^4$	$1.338(2) \cdot 10^4$
$1.18850 \cdot 10^{-2}$	$3.5985(3) \cdot 10^1$	$-1.0457(6) \cdot 10^3$	$-1.04(4) \cdot 10^4$	$8.423(1) \cdot 10^2$	$-1.65(1) \cdot 10^4$	$1.270(2) \cdot 10^4$
$1.33352 \cdot 10^{-2}$	$3.5249(3) \cdot 10^1$	$-9.986(6) \cdot 10^2$	$-1.01(4) \cdot 10^4$	$8.112(1) \cdot 10^2$	$-1.53(1) \cdot 10^4$	$1.204(2) \cdot 10^4$
$1.49624 \cdot 10^{-2}$	$3.4513(3) \cdot 10^1$	$-9.522(6) \cdot 10^2$	$-1.00(4) \cdot 10^4$	$7.808(1) \cdot 10^2$	$-1.42(1) \cdot 10^4$	$1.140(2) \cdot 10^4$
$1.67880 \cdot 10^{-2}$	$3.3776(2) \cdot 10^1$	$-9.071(5) \cdot 10^2$	$-9.7(4) \cdot 10^3$	$7.508(1) \cdot 10^2$	$-1.302(9) \cdot 10^4$	$1.078(2) \cdot 10^4$
$1.88365 \cdot 10^{-2}$	$3.3038(2) \cdot 10^1$	$-8.633(5) \cdot 10^2$	$-9.5(4) \cdot 10^3$	$7.215(1) \cdot 10^2$	$-1.184(9) \cdot 10^4$	$1.019(2) \cdot 10^4$
$2.11349 \cdot 10^{-2}$	$3.2300(2) \cdot 10^1$	$-8.203(5) \cdot 10^2$	$-9.0(4) \cdot 10^3$	$6.926(1) \cdot 10^2$	$-1.093(8) \cdot 10^4$	$9.59(1) \cdot 10^3$
$2.37137 \cdot 10^{-2}$	$3.1560(2) \cdot 10^1$	$-7.785(4) \cdot 10^2$	$-8.7(3) \cdot 10^3$	$6.643(1) \cdot 10^2$	$-9.94(8) \cdot 10^3$	$9.04(1) \cdot 10^3$
$2.66073 \cdot 10^{-2}$	$3.0818(2) \cdot 10^1$	$-7.372(4) \cdot 10^2$	$-8.3(3) \cdot 10^3$	$6.3661(9) \cdot 10^2$	$-9.05(7) \cdot 10^3$	$8.52(1) \cdot 10^3$
$2.98538 \cdot 10^{-2}$	$3.0076(2) \cdot 10^1$	$-6.974(4) \cdot 10^2$	$-8.2(3) \cdot 10^3$	$6.0937(8) \cdot 10^2$	$-8.18(7) \cdot 10^3$	$8.02(1) \cdot 10^3$
$3.34965 \cdot 10^{-2}$	$2.9332(2) \cdot 10^1$	$-6.585(4) \cdot 10^2$	$-7.8(3) \cdot 10^3$	$5.8268(8) \cdot 10^2$	$-7.38(7) \cdot 10^3$	$7.52(1) \cdot 10^3$
$3.75837 \cdot 10^{-2}$	$2.8584(2) \cdot 10^1$	$-6.203(3) \cdot 10^2$	$-7.6(3) \cdot 10^3$	$5.5652(7) \cdot 10^2$	$-6.60(6) \cdot 10^3$	$7.05(1) \cdot 10^3$
$4.21697 \cdot 10^{-2}$	$2.7834(2) \cdot 10^1$	$-5.832(3) \cdot 10^2$	$-7.1(3) \cdot 10^3$	$5.3083(7) \cdot 10^2$	$-5.78(6) \cdot 10^3$	$6.56(1) \cdot 10^3$
$4.73151 \cdot 10^{-2}$	$2.7083(1) \cdot 10^1$	$-5.474(3) \cdot 10^2$	$-7.0(3) \cdot 10^3$	$5.0568(6) \cdot 10^2$	$-5.06(6) \cdot 10^3$	$6.10(1) \cdot 10^3$
$5.30884 \cdot 10^{-2}$	$2.6328(1) \cdot 10^1$	$-5.122(2) \cdot 10^2$	$-6.7(3) \cdot 10^3$	$4.8103(6) \cdot 10^2$	$-4.45(5) \cdot 10^3$	$5.694(9) \cdot 10^3$
$5.95662 \cdot 10^{-2}$	$2.5570(1) \cdot 10^1$	$-4.779(2) \cdot 10^2$	$-6.2(2) \cdot 10^3$	$4.5690(5) \cdot 10^2$	$-3.89(5) \cdot 10^3$	$5.303(9) \cdot 10^3$
$6.68344 \cdot 10^{-2}$	$2.48064(9) \cdot 10^1$	$-4.445(2) \cdot 10^2$	$-5.8(2) \cdot 10^3$	$4.3326(5) \cdot 10^2$	$-3.35(5) \cdot 10^3$	$4.914(8) \cdot 10^3$
$7.49894 \cdot 10^{-2}$	$2.40388(8) \cdot 10^1$	$-4.120(2) \cdot 10^2$	$-5.4(2) \cdot 10^3$	$4.1013(5) \cdot 10^2$	$-2.86(4) \cdot 10^3$	$4.548(8) \cdot 10^3$
$8.41395 \cdot 10^{-2}$	$2.32660(8) \cdot 10^1$	$-3.802(2) \cdot 10^2$	$-5.3(2) \cdot 10^3$	$3.8751(4) \cdot 10^2$	$-2.37(4) \cdot 10^3$	$4.191(7) \cdot 10^3$
$9.44061 \cdot 10^{-2}$	$2.24861(7) \cdot 10^1$	$-3.495(2) \cdot 10^2$	$-5.0(2) \cdot 10^3$	$3.6537(4) \cdot 10^2$	$-1.96(4) \cdot 10^3$	$3.865(7) \cdot 10^3$
$1.05925 \cdot 10^{-1}$	$2.16997(7) \cdot 10^1$	$-3.198(2) \cdot 10^2$	$-4.7(2) \cdot 10^3$	$3.4372(4) \cdot 10^2$	$-1.53(4) \cdot 10^3$	$3.550(6) \cdot 10^3$
$1.18850 \cdot 10^{-1}$	$2.09052(7) \cdot 10^1$	$-2.913(2) \cdot 10^2$	$-4.4(2) \cdot 10^3$	$3.2257(4) \cdot 10^2$	$-1.18(3) \cdot 10^3$	$3.254(6) \cdot 10^3$
$1.33352 \cdot 10^{-1}$	$2.01010(6) \cdot 10^1$	$-2.635(2) \cdot 10^2$	$-3.9(2) \cdot 10^3$	$3.0188(3) \cdot 10^2$	$-8.4(3) \cdot 10^2$	$2.961(5) \cdot 10^3$
$1.49624 \cdot 10^{-1}$	$1.92864(6) \cdot 10^1$	$-2.369(2) \cdot 10^2$	$-3.4(2) \cdot 10^3$	$2.8169(3) \cdot 10^2$	$-5.3(3) \cdot 10^2$	$2.691(5) \cdot 10^3$
$1.67880 \cdot 10^{-1}$	$1.84593(6) \cdot 10^1$	$-2.111(1) \cdot 10^2$	$-3.1(2) \cdot 10^3$	$2.6196(3) \cdot 10^2$	$-2.3(3) \cdot 10^2$	$2.434(5) \cdot 10^3$
$1.88365 \cdot 10^{-1}$	$1.76183(5) \cdot 10^1$	$-1.862(1) \cdot 10^2$	$-2.6(1) \cdot 10^3$	$2.4268(3) \cdot 10^2$	$-1(3) \cdot 10^1$	$2.191(4) \cdot 10^3$
$2.11349 \cdot 10^{-1}$	$1.67594(5) \cdot 10^1$	$-1.626(1) \cdot 10^2$	$-2.1(1) \cdot 10^3$	$2.2388(2) \cdot 10^2$	$2.0(2) \cdot 10^2$	$1.968(4) \cdot 10^3$
$2.37137 \cdot 10^{-1}$	$1.58800(4) \cdot 10^1$	$-1.400(1) \cdot 10^2$	$-1.7(1) \cdot 10^3$	$2.0552(2) \cdot 10^2$	$4.0(2) \cdot 10^2$	$1.749(4) \cdot 10^3$
$2.66073 \cdot 10^{-1}$	$1.49764(4) \cdot 10^1$	$-1.182(1) \cdot 10^2$	$-1.3(1) \cdot 10^3$	$1.8758(2) \cdot 10^2$	$5.5(2) \cdot 10^2$	$1.526(3) \cdot 10^3$
$2.98538 \cdot 10^{-1}$	$1.40435(3) \cdot 10^1$	$-9.774(9) \cdot 10^1$	$-8(1) \cdot 10^2$	$1.7008(2) \cdot 10^2$	$6.9(2) \cdot 10^2$	$1.334(3) \cdot 10^3$
$3.34965 \cdot 10^{-1}$	$1.30749(3) \cdot 10^1$	$-7.835(8) \cdot 10^1$	$-4(1) \cdot 10^2$	$1.5299(2) \cdot 10^2$	$8.0(2) \cdot 10^2$	$1.073(3) \cdot 10^3$
$3.75837 \cdot 10^{-1}$	$1.20615(3) \cdot 10^1$	$-6.026(8) \cdot 10^1$	$-5(9) \cdot 10^1$	$1.3629(2) \cdot 10^2$	$8.8(1) \cdot 10^2$	$9.21(2) \cdot 10^2$
$4.21697 \cdot 10^{-1}$	$1.09919(3) \cdot 10^1$	$-4.365(7) \cdot 10^1$	$3.2(9) \cdot 10^2$	$1.2000(1) \cdot 10^2$	$9.2(1) \cdot 10^2$	$7.85(2) \cdot 10^2$
$4.73151 \cdot 10^{-1}$	$9.8488(2) \cdot 10^0$	$-2.872(6) \cdot 10^1$	$5.4(8) \cdot 10^2$	$1.0409(1) \cdot 10^2$	$9.4(1) \cdot 10^2$	$6.61(2) \cdot 10^2$
$5.30884 \cdot 10^{-1}$	$8.6076(2) \cdot 10^0$	$-1.598(5) \cdot 10^1$	$6.4(7) \cdot 10^2$	$8.859(1) \cdot 10^1$	$9.2(1) \cdot 10^2$	$5.37(2) \cdot 10^2$
$5.95662 \cdot 10^{-1}$	$7.2275(2) \cdot 10^0$	$-6.45(4) \cdot 10^0$	$4.6(6) \cdot 10^2$	$7.349(1) \cdot 10^1$	$8.84(9) \cdot 10^2$	$4.50(1) \cdot 10^2$
$6.68344 \cdot 10^{-1}$	$5.7035(1) \cdot 10^0$	$-1.40(3) \cdot 10^0$	$2.2(4) \cdot 10^2$	$5.8853(9) \cdot 10^1$	$7.81(8) \cdot 10^2$	$3.37(1) \cdot 10^2$
$7.49894 \cdot 10^{-1}$	$4.4229(1) \cdot 10^0$	$1.35(2) \cdot 10^0$	$-1.2(3) \cdot 10^2$	$4.4818(7) \cdot 10^1$	$6.55(6) \cdot 10^2$	$2.61(1) \cdot 10^2$
$8.41395 \cdot 10^{-1}$	$3.37981(9) \cdot 10^0$	$3.15(2) \cdot 10^0$	$-5.8(3) \cdot 10^2$	$3.1892(5) \cdot 10^1$	$4.83(5) \cdot 10^2$	$1.733(7) \cdot 10^2$
$9.44061 \cdot 10^{-1}$	$2.51125(7) \cdot 10^0$	$-1.3(1) \cdot 10^{-1}$	$-7.4(2) \cdot 10^2$	$2.0940(4) \cdot 10^1$	$2.99(4) \cdot 10^2$	$5.10(4) \cdot 10^1$

Table 14: Perturbative coefficients for the anti- k_t jet rates (continued).

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$1.05925 \cdot 10^{-5}$	$7.5472(6) \cdot 10^1$	$-4.040(5) \cdot 10^3$	$-1.9(3) \cdot 10^4$	$3.0027(7) \cdot 10^3$	$-9.98(8) \cdot 10^4$	$6.85(1) \cdot 10^4$
$1.18850 \cdot 10^{-5}$	$7.4745(5) \cdot 10^1$	$-3.955(5) \cdot 10^3$	$-1.8(3) \cdot 10^4$	$2.9445(7) \cdot 10^3$	$-9.67(8) \cdot 10^4$	$6.66(1) \cdot 10^4$
$1.33352 \cdot 10^{-5}$	$7.4018(5) \cdot 10^1$	$-3.876(5) \cdot 10^3$	$-1.8(3) \cdot 10^4$	$2.8871(7) \cdot 10^3$	$-9.34(7) \cdot 10^4$	$6.47(1) \cdot 10^4$
$1.49624 \cdot 10^{-5}$	$7.3292(5) \cdot 10^1$	$-3.790(5) \cdot 10^3$	$-2.1(3) \cdot 10^4$	$2.8299(7) \cdot 10^3$	$-8.93(7) \cdot 10^4$	$6.29(1) \cdot 10^4$
$1.67880 \cdot 10^{-5}$	$7.2565(5) \cdot 10^1$	$-3.703(5) \cdot 10^3$	$-1.9(3) \cdot 10^4$	$2.7736(7) \cdot 10^3$	$-8.58(7) \cdot 10^4$	$6.10(1) \cdot 10^4$
$1.88365 \cdot 10^{-5}$	$7.1838(5) \cdot 10^1$	$-3.623(4) \cdot 10^3$	$-2.2(3) \cdot 10^4$	$2.7177(7) \cdot 10^3$	$-8.24(7) \cdot 10^4$	$5.92(1) \cdot 10^4$
$2.11349 \cdot 10^{-5}$	$7.1110(5) \cdot 10^1$	$-3.538(4) \cdot 10^3$	$-2.3(3) \cdot 10^4$	$2.6625(6) \cdot 10^3$	$-7.93(6) \cdot 10^4$	$5.74(1) \cdot 10^4$
$2.37137 \cdot 10^{-5}$	$7.0383(5) \cdot 10^1$	$-3.458(4) \cdot 10^3$	$-2.3(3) \cdot 10^4$	$2.6078(6) \cdot 10^3$	$-7.61(6) \cdot 10^4$	$5.57(1) \cdot 10^4$
$2.66073 \cdot 10^{-5}$	$6.9655(5) \cdot 10^1$	$-3.380(4) \cdot 10^3$	$-2.2(2) \cdot 10^4$	$2.5536(6) \cdot 10^3$	$-7.26(6) \cdot 10^4$	$5.400(9) \cdot 10^4$
$2.98538 \cdot 10^{-5}$	$6.8927(5) \cdot 10^1$	$-3.301(4) \cdot 10^3$	$-2.1(2) \cdot 10^4$	$2.4998(6) \cdot 10^3$	$-7.00(6) \cdot 10^4$	$5.232(9) \cdot 10^4$
$3.34965 \cdot 10^{-5}$	$6.8199(5) \cdot 10^1$	$-3.220(4) \cdot 10^3$	$-2.3(2) \cdot 10^4$	$2.4468(6) \cdot 10^3$	$-6.71(6) \cdot 10^4$	$5.051(9) \cdot 10^4$
$3.75837 \cdot 10^{-5}$	$6.7470(5) \cdot 10^1$	$-3.140(4) \cdot 10^3$	$-2.2(2) \cdot 10^4$	$2.3941(6) \cdot 10^3$	$-6.45(5) \cdot 10^4$	$4.902(9) \cdot 10^4$
$4.21696 \cdot 10^{-5}$	$6.6743(5) \cdot 10^1$	$-3.060(3) \cdot 10^3$	$-2.3(2) \cdot 10^4$	$2.3420(6) \cdot 10^3$	$-6.12(5) \cdot 10^4$	$4.751(8) \cdot 10^4$
$4.73150 \cdot 10^{-5}$	$6.6015(5) \cdot 10^1$	$-2.980(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.2908(6) \cdot 10^3$	$-5.86(5) \cdot 10^4$	$4.604(8) \cdot 10^4$
$5.30884 \cdot 10^{-5}$	$6.5288(5) \cdot 10^1$	$-2.905(3) \cdot 10^3$	$-2.4(2) \cdot 10^4$	$2.2399(5) \cdot 10^3$	$-5.59(5) \cdot 10^4$	$4.460(8) \cdot 10^4$
$5.95662 \cdot 10^{-5}$	$6.4561(5) \cdot 10^1$	$-2.828(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.1898(5) \cdot 10^3$	$-5.29(5) \cdot 10^4$	$4.314(7) \cdot 10^4$
$6.68344 \cdot 10^{-5}$	$6.3833(5) \cdot 10^1$	$-2.751(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.1401(5) \cdot 10^3$	$-5.06(4) \cdot 10^4$	$4.170(7) \cdot 10^4$
$7.49894 \cdot 10^{-5}$	$6.3106(5) \cdot 10^1$	$-2.676(3) \cdot 10^3$	$-2.5(2) \cdot 10^4$	$2.0908(5) \cdot 10^3$	$-4.80(4) \cdot 10^4$	$4.029(7) \cdot 10^4$
$8.41395 \cdot 10^{-5}$	$6.2379(5) \cdot 10^1$	$-2.605(3) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$2.0424(5) \cdot 10^3$	$-4.56(4) \cdot 10^4$	$3.887(7) \cdot 10^4$
$9.44061 \cdot 10^{-5}$	$6.1651(5) \cdot 10^1$	$-2.533(2) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$1.9945(5) \cdot 10^3$	$-4.33(4) \cdot 10^4$	$3.753(6) \cdot 10^4$
$1.05925 \cdot 10^{-4}$	$6.0924(5) \cdot 10^1$	$-2.459(2) \cdot 10^3$	$-2.6(2) \cdot 10^4$	$1.9471(5) \cdot 10^3$	$-4.11(4) \cdot 10^4$	$3.621(6) \cdot 10^4$
$1.18850 \cdot 10^{-4}$	$6.0196(5) \cdot 10^1$	$-2.386(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.9003(5) \cdot 10^3$	$-3.90(4) \cdot 10^4$	$3.495(6) \cdot 10^4$
$1.33352 \cdot 10^{-4}$	$5.9468(5) \cdot 10^1$	$-2.316(2) \cdot 10^3$	$-2.6(1) \cdot 10^4$	$1.8540(4) \cdot 10^3$	$-3.67(3) \cdot 10^4$	$3.367(6) \cdot 10^4$
$1.49624 \cdot 10^{-4}$	$5.8740(5) \cdot 10^1$	$-2.249(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.8083(4) \cdot 10^3$	$-3.47(3) \cdot 10^4$	$3.246(5) \cdot 10^4$
$1.67880 \cdot 10^{-4}$	$5.8013(5) \cdot 10^1$	$-2.179(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.7632(4) \cdot 10^3$	$-3.24(3) \cdot 10^4$	$3.126(5) \cdot 10^4$
$1.88365 \cdot 10^{-4}$	$5.7285(4) \cdot 10^1$	$-2.111(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.7187(4) \cdot 10^3$	$-3.03(3) \cdot 10^4$	$3.009(5) \cdot 10^4$
$2.11349 \cdot 10^{-4}$	$5.6558(4) \cdot 10^1$	$-2.043(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.6746(4) \cdot 10^3$	$-2.84(3) \cdot 10^4$	$2.893(5) \cdot 10^4$
$2.37137 \cdot 10^{-4}$	$5.5831(4) \cdot 10^1$	$-1.978(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.6311(4) \cdot 10^3$	$-2.67(3) \cdot 10^4$	$2.781(5) \cdot 10^4$
$2.66073 \cdot 10^{-4}$	$5.5103(4) \cdot 10^1$	$-1.914(2) \cdot 10^3$	$-2.5(1) \cdot 10^4$	$1.5883(4) \cdot 10^3$	$-2.48(3) \cdot 10^4$	$2.673(4) \cdot 10^4$
$2.98538 \cdot 10^{-4}$	$5.4377(4) \cdot 10^1$	$-1.849(2) \cdot 10^3$	$-2.3(1) \cdot 10^4$	$1.5460(4) \cdot 10^3$	$-2.31(3) \cdot 10^4$	$2.565(4) \cdot 10^4$
$3.34965 \cdot 10^{-4}$	$5.3648(4) \cdot 10^1$	$-1.788(2) \cdot 10^3$	$-2.4(1) \cdot 10^4$	$1.5042(4) \cdot 10^3$	$-2.14(2) \cdot 10^4$	$2.462(4) \cdot 10^4$
$3.75837 \cdot 10^{-4}$	$5.2922(4) \cdot 10^1$	$-1.726(2) \cdot 10^3$	$-2.4(1) \cdot 10^4$	$1.4629(3) \cdot 10^3$	$-1.98(2) \cdot 10^4$	$2.360(4) \cdot 10^4$
$4.21697 \cdot 10^{-4}$	$5.2195(4) \cdot 10^1$	$-1.664(1) \cdot 10^3$	$-2.46(9) \cdot 10^4$	$1.4224(3) \cdot 10^3$	$-1.81(2) \cdot 10^4$	$2.264(4) \cdot 10^4$
$4.73151 \cdot 10^{-4}$	$5.1468(4) \cdot 10^1$	$-1.603(1) \cdot 10^3$	$-2.39(9) \cdot 10^4$	$1.3821(3) \cdot 10^3$	$-1.66(2) \cdot 10^4$	$2.167(3) \cdot 10^4$
$5.30884 \cdot 10^{-4}$	$5.0739(4) \cdot 10^1$	$-1.545(1) \cdot 10^3$	$-2.39(9) \cdot 10^4$	$1.3426(3) \cdot 10^3$	$-1.51(2) \cdot 10^4$	$2.073(3) \cdot 10^4$
$5.95662 \cdot 10^{-4}$	$5.0012(4) \cdot 10^1$	$-1.487(1) \cdot 10^3$	$-2.38(8) \cdot 10^4$	$1.3038(3) \cdot 10^3$	$-1.37(2) \cdot 10^4$	$1.984(3) \cdot 10^4$
$6.68344 \cdot 10^{-4}$	$4.9282(4) \cdot 10^1$	$-1.430(1) \cdot 10^3$	$-2.41(8) \cdot 10^4$	$1.2654(3) \cdot 10^3$	$-1.24(2) \cdot 10^4$	$1.898(3) \cdot 10^4$
$7.49894 \cdot 10^{-4}$	$4.8555(4) \cdot 10^1$	$-1.374(1) \cdot 10^3$	$-2.36(8) \cdot 10^4$	$1.2276(3) \cdot 10^3$	$-1.11(2) \cdot 10^4$	$1.815(3) \cdot 10^4$
$8.41395 \cdot 10^{-4}$	$4.7827(4) \cdot 10^1$	$-1.319(1) \cdot 10^3$	$-2.30(7) \cdot 10^4$	$1.1902(3) \cdot 10^3$	$-9.9(2) \cdot 10^3$	$1.732(3) \cdot 10^4$
$9.44061 \cdot 10^{-4}$	$4.7098(4) \cdot 10^1$	$-1.265(1) \cdot 10^3$	$-2.20(7) \cdot 10^4$	$1.1534(3) \cdot 10^3$	$-8.8(2) \cdot 10^3$	$1.652(3) \cdot 10^4$
$1.05925 \cdot 10^{-3}$	$4.6370(4) \cdot 10^1$	$-1.211(1) \cdot 10^3$	$-2.23(7) \cdot 10^4$	$1.1170(2) \cdot 10^3$	$-7.6(2) \cdot 10^3$	$1.574(2) \cdot 10^4$
$1.18850 \cdot 10^{-3}$	$4.5643(4) \cdot 10^1$	$-1.158(1) \cdot 10^3$	$-2.21(7) \cdot 10^4$	$1.0814(2) \cdot 10^3$	$-6.7(1) \cdot 10^3$	$1.499(2) \cdot 10^4$
$1.33352 \cdot 10^{-3}$	$4.4915(4) \cdot 10^1$	$-1.107(1) \cdot 10^3$	$-2.24(6) \cdot 10^4$	$1.0460(2) \cdot 10^3$	$-5.6(1) \cdot 10^3$	$1.426(2) \cdot 10^4$
$1.49624 \cdot 10^{-3}$	$4.4187(4) \cdot 10^1$	$-1.0572(9) \cdot 10^3$	$-2.17(6) \cdot 10^4$	$1.0115(2) \cdot 10^3$	$-4.9(1) \cdot 10^3$	$1.355(2) \cdot 10^4$
$1.67880 \cdot 10^{-3}$	$4.3459(3) \cdot 10^1$	$-1.0086(9) \cdot 10^3$	$-2.13(6) \cdot 10^4$	$9.775(2) \cdot 10^2$	$-4.1(1) \cdot 10^3$	$1.286(2) \cdot 10^4$
$1.88365 \cdot 10^{-3}$	$4.2731(3) \cdot 10^1$	$-9.591(9) \cdot 10^2$	$-2.04(6) \cdot 10^4$	$9.441(2) \cdot 10^2$	$-3.2(1) \cdot 10^3$	$1.219(2) \cdot 10^4$
$2.11349 \cdot 10^{-3}$	$4.2002(3) \cdot 10^1$	$-9.119(8) \cdot 10^2$	$-1.99(5) \cdot 10^4$	$9.112(2) \cdot 10^2$	$-2.5(1) \cdot 10^3$	$1.156(2) \cdot 10^4$
$2.37136 \cdot 10^{-3}$	$4.1273(3) \cdot 10^1$	$-8.663(8) \cdot 10^2$	$-1.92(5) \cdot 10^4$	$8.789(2) \cdot 10^2$	$-1.6(1) \cdot 10^3$	$1.093(2) \cdot 10^4$
$2.66073 \cdot 10^{-3}$	$4.0545(3) \cdot 10^1$	$-8.216(8) \cdot 10^2$	$-1.90(5) \cdot 10^4$	$8.471(2) \cdot 10^2$	$-9(1) \cdot 10^2$	$1.033(2) \cdot 10^4$
$2.98538 \cdot 10^{-3}$	$3.9816(3) \cdot 10^1$	$-7.772(7) \cdot 10^2$	$-1.89(5) \cdot 10^4$	$8.160(2) \cdot 10^2$	$0(1) \cdot 10^1$	$9.75(2) \cdot 10^3$

Table 15: Perturbative coefficients for the SIScone jet rates.

y_{cut}	A_3	B_3	C_3	B_4	C_4	C_5
$3.34965 \cdot 10^{-3}$	$3.9087(3) \cdot 10^1$	$-7.339(7) \cdot 10^2$	$-1.84(5) \cdot 10^4$	$7.855(2) \cdot 10^2$	$5.2(9) \cdot 10^2$	$9.19(1) \cdot 10^3$
$3.75837 \cdot 10^{-3}$	$3.8357(3) \cdot 10^1$	$-6.922(7) \cdot 10^2$	$-1.82(4) \cdot 10^4$	$7.553(1) \cdot 10^2$	$1.05(9) \cdot 10^3$	$8.64(1) \cdot 10^3$
$4.21696 \cdot 10^{-3}$	$3.7628(3) \cdot 10^1$	$-6.512(7) \cdot 10^2$	$-1.77(4) \cdot 10^4$	$7.258(1) \cdot 10^2$	$1.65(8) \cdot 10^3$	$8.12(1) \cdot 10^3$
$4.73151 \cdot 10^{-3}$	$3.6898(3) \cdot 10^1$	$-6.109(6) \cdot 10^2$	$-1.67(4) \cdot 10^4$	$6.968(1) \cdot 10^2$	$2.21(8) \cdot 10^3$	$7.62(1) \cdot 10^3$
$5.30884 \cdot 10^{-3}$	$3.6168(3) \cdot 10^1$	$-5.715(6) \cdot 10^2$	$-1.62(4) \cdot 10^4$	$6.683(1) \cdot 10^2$	$2.68(8) \cdot 10^3$	$7.14(1) \cdot 10^3$
$5.95662 \cdot 10^{-3}$	$3.5439(3) \cdot 10^1$	$-5.335(6) \cdot 10^2$	$-1.61(4) \cdot 10^4$	$6.404(1) \cdot 10^2$	$3.15(7) \cdot 10^3$	$6.68(1) \cdot 10^3$
$6.68344 \cdot 10^{-3}$	$3.4707(3) \cdot 10^1$	$-4.971(5) \cdot 10^2$	$-1.60(4) \cdot 10^4$	$6.131(1) \cdot 10^2$	$3.44(7) \cdot 10^3$	$6.23(1) \cdot 10^3$
$7.49894 \cdot 10^{-3}$	$3.3975(3) \cdot 10^1$	$-4.597(5) \cdot 10^2$	$-1.52(4) \cdot 10^4$	$5.863(1) \cdot 10^2$	$3.80(6) \cdot 10^3$	$5.81(1) \cdot 10^3$
$8.41395 \cdot 10^{-3}$	$3.3244(2) \cdot 10^1$	$-4.253(5) \cdot 10^2$	$-1.43(3) \cdot 10^4$	$5.6011(9) \cdot 10^2$	$4.10(6) \cdot 10^3$	$5.392(9) \cdot 10^3$
$9.44061 \cdot 10^{-3}$	$3.2511(2) \cdot 10^1$	$-3.904(5) \cdot 10^2$	$-1.39(3) \cdot 10^4$	$5.3437(8) \cdot 10^2$	$4.35(6) \cdot 10^3$	$4.999(8) \cdot 10^3$
$1.05925 \cdot 10^{-2}$	$3.1778(2) \cdot 10^1$	$-3.576(5) \cdot 10^2$	$-1.31(3) \cdot 10^4$	$5.0925(8) \cdot 10^2$	$4.60(5) \cdot 10^3$	$4.606(8) \cdot 10^3$
$1.18850 \cdot 10^{-2}$	$3.1044(2) \cdot 10^1$	$-3.253(4) \cdot 10^2$	$-1.23(3) \cdot 10^4$	$4.8467(7) \cdot 10^2$	$4.75(5) \cdot 10^3$	$4.265(7) \cdot 10^3$
$1.33352 \cdot 10^{-2}$	$3.0308(2) \cdot 10^1$	$-2.945(4) \cdot 10^2$	$-1.20(3) \cdot 10^4$	$4.6066(7) \cdot 10^2$	$4.92(5) \cdot 10^3$	$3.919(7) \cdot 10^3$
$1.49624 \cdot 10^{-2}$	$2.9574(2) \cdot 10^1$	$-2.639(4) \cdot 10^2$	$-1.10(3) \cdot 10^4$	$4.3720(6) \cdot 10^2$	$5.06(5) \cdot 10^3$	$3.594(6) \cdot 10^3$
$1.67880 \cdot 10^{-2}$	$2.8838(2) \cdot 10^1$	$-2.346(4) \cdot 10^2$	$-1.08(3) \cdot 10^4$	$4.1425(6) \cdot 10^2$	$5.18(4) \cdot 10^3$	$3.290(6) \cdot 10^3$
$1.88365 \cdot 10^{-2}$	$2.8102(2) \cdot 10^1$	$-2.067(3) \cdot 10^2$	$-9.7(3) \cdot 10^3$	$3.9183(5) \cdot 10^2$	$5.26(4) \cdot 10^3$	$2.998(6) \cdot 10^3$
$2.11349 \cdot 10^{-2}$	$2.7363(2) \cdot 10^1$	$-1.795(3) \cdot 10^2$	$-9.4(3) \cdot 10^3$	$3.6993(5) \cdot 10^2$	$5.27(4) \cdot 10^3$	$2.725(5) \cdot 10^3$
$2.37137 \cdot 10^{-2}$	$2.6624(2) \cdot 10^1$	$-1.537(3) \cdot 10^2$	$-8.8(2) \cdot 10^3$	$3.4858(4) \cdot 10^2$	$5.27(4) \cdot 10^3$	$2.468(5) \cdot 10^3$
$2.66073 \cdot 10^{-2}$	$2.5883(1) \cdot 10^1$	$-1.285(3) \cdot 10^2$	$-8.4(2) \cdot 10^3$	$3.2778(4) \cdot 10^2$	$5.29(3) \cdot 10^3$	$2.212(4) \cdot 10^3$
$2.98538 \cdot 10^{-2}$	$2.5141(1) \cdot 10^1$	$-1.039(3) \cdot 10^2$	$-7.8(2) \cdot 10^3$	$3.0749(4) \cdot 10^2$	$5.28(3) \cdot 10^3$	$1.984(4) \cdot 10^3$
$3.34965 \cdot 10^{-2}$	$2.4396(1) \cdot 10^1$	$-8.05(2) \cdot 10^1$	$-7.3(2) \cdot 10^3$	$2.8774(3) \cdot 10^2$	$5.20(3) \cdot 10^3$	$1.771(4) \cdot 10^3$
$3.75837 \cdot 10^{-2}$	$2.3650(1) \cdot 10^1$	$-5.84(2) \cdot 10^1$	$-6.5(2) \cdot 10^3$	$2.6853(3) \cdot 10^2$	$5.14(3) \cdot 10^3$	$1.574(4) \cdot 10^3$
$4.21697 \cdot 10^{-2}$	$2.2901(1) \cdot 10^1$	$-3.71(2) \cdot 10^1$	$-5.9(2) \cdot 10^3$	$2.4987(3) \cdot 10^2$	$5.04(3) \cdot 10^3$	$1.385(3) \cdot 10^3$
$4.73151 \cdot 10^{-2}$	$2.21490(9) \cdot 10^1$	$-1.68(2) \cdot 10^1$	$-5.5(2) \cdot 10^3$	$2.3173(3) \cdot 10^2$	$4.92(2) \cdot 10^3$	$1.137(3) \cdot 10^3$
$5.30884 \cdot 10^{-2}$	$2.13946(8) \cdot 10^1$	$2.9(2) \cdot 10^0$	$-4.9(2) \cdot 10^3$	$2.1410(3) \cdot 10^2$	$4.77(2) \cdot 10^3$	$9.83(3) \cdot 10^2$
$5.95662 \cdot 10^{-2}$	$2.06365(7) \cdot 10^1$	$2.09(2) \cdot 10^1$	$-4.2(2) \cdot 10^3$	$1.9701(2) \cdot 10^2$	$4.62(2) \cdot 10^3$	$8.47(2) \cdot 10^2$
$6.68344 \cdot 10^{-2}$	$1.98744(7) \cdot 10^1$	$3.84(2) \cdot 10^1$	$-3.8(2) \cdot 10^3$	$1.8049(2) \cdot 10^2$	$4.45(2) \cdot 10^3$	$7.21(2) \cdot 10^2$
$7.49894 \cdot 10^{-2}$	$1.91079(6) \cdot 10^1$	$5.44(1) \cdot 10^1$	$-3.0(2) \cdot 10^3$	$1.6451(2) \cdot 10^2$	$4.28(2) \cdot 10^3$	$6.08(2) \cdot 10^2$
$8.41395 \cdot 10^{-2}$	$1.83359(6) \cdot 10^1$	$6.96(1) \cdot 10^1$	$-2.5(2) \cdot 10^3$	$1.4906(2) \cdot 10^2$	$4.07(2) \cdot 10^3$	$4.85(2) \cdot 10^2$
$9.44061 \cdot 10^{-2}$	$1.75583(6) \cdot 10^1$	$8.36(1) \cdot 10^1$	$-1.9(1) \cdot 10^3$	$1.3418(2) \cdot 10^2$	$3.85(2) \cdot 10^3$	$3.82(1) \cdot 10^2$
$1.05925 \cdot 10^{-1}$	$1.67735(6) \cdot 10^1$	$9.64(1) \cdot 10^1$	$-1.4(1) \cdot 10^3$	$1.1985(1) \cdot 10^2$	$3.62(1) \cdot 10^3$	$2.045(9) \cdot 10^2$
$1.18850 \cdot 10^{-1}$	$1.59816(5) \cdot 10^1$	$1.081(1) \cdot 10^2$	$-9(1) \cdot 10^2$	$1.0609(1) \cdot 10^2$	$3.34(1) \cdot 10^3$	$3.529(1) \cdot 10^2$
$1.33352 \cdot 10^{-1}$	$1.51810(5) \cdot 10^1$	$1.184(1) \cdot 10^2$	$-4(1) \cdot 10^2$	$9.292(1) \cdot 10^1$	$3.08(1) \cdot 10^3$	$2.742(1) \cdot 10^2$
$1.49624 \cdot 10^{-1}$	$1.43705(5) \cdot 10^1$	$1.275(1) \cdot 10^2$	$2(1) \cdot 10^2$	$8.037(1) \cdot 10^1$	$2.81(1) \cdot 10^3$	$2.0662(8) \cdot 10^2$
$1.67880 \cdot 10^{-1}$	$1.35489(4) \cdot 10^1$	$1.354(1) \cdot 10^2$	$8(1) \cdot 10^2$	$6.845(1) \cdot 10^1$	$2.499(9) \cdot 10^3$	$1.4983(7) \cdot 10^2$
$1.88365 \cdot 10^{-1}$	$1.27140(4) \cdot 10^1$	$1.4153(9) \cdot 10^2$	$1.3(1) \cdot 10^3$	$5.7202(9) \cdot 10^1$	$2.209(8) \cdot 10^3$	$1.0347(5) \cdot 10^2$
$2.11349 \cdot 10^{-1}$	$1.18637(4) \cdot 10^1$	$1.4617(9) \cdot 10^2$	$1.6(1) \cdot 10^3$	$4.6696(8) \cdot 10^1$	$1.899(7) \cdot 10^3$	$6.712(4) \cdot 10^1$
$2.37137 \cdot 10^{-1}$	$1.09955(4) \cdot 10^1$	$1.4895(8) \cdot 10^2$	$2.1(1) \cdot 10^3$	$3.7002(7) \cdot 10^1$	$1.584(6) \cdot 10^3$	$4.006(3) \cdot 10^1$
$2.66073 \cdot 10^{-1}$	$1.01061(3) \cdot 10^1$	$1.4960(7) \cdot 10^2$	$2.41(9) \cdot 10^3$	$2.8225(6) \cdot 10^1$	$1.278(5) \cdot 10^3$	$2.147(2) \cdot 10^1$
$2.98538 \cdot 10^{-1}$	$9.1916(3) \cdot 10^0$	$1.4766(7) \cdot 10^2$	$2.88(9) \cdot 10^3$	$2.0537(5) \cdot 10^1$	$9.80(5) \cdot 10^2$	$9.97(1) \cdot 10^0$
$3.34965 \cdot 10^{-1}$	$8.2474(3) \cdot 10^0$	$1.4286(6) \cdot 10^2$	$2.97(8) \cdot 10^3$	$1.4133(4) \cdot 10^1$	$7.09(4) \cdot 10^2$	$3.929(7) \cdot 10^0$
$3.75837 \cdot 10^{-1}$	$7.2668(3) \cdot 10^0$	$1.3474(6) \cdot 10^2$	$3.27(8) \cdot 10^3$	$9.105(3) \cdot 10^0$	$4.74(3) \cdot 10^2$	$1.268(3) \cdot 10^0$
$4.21697 \cdot 10^{-1}$	$6.2418(3) \cdot 10^0$	$1.2392(6) \cdot 10^2$	$3.32(7) \cdot 10^3$	$5.395(3) \cdot 10^0$	$2.97(2) \cdot 10^2$	$1.85(1) \cdot 10^{-1}$
$4.73151 \cdot 10^{-1}$	$5.1613(2) \cdot 10^0$	$1.1143(5) \cdot 10^2$	$3.38(7) \cdot 10^3$	$2.842(2) \cdot 10^0$	$1.65(1) \cdot 10^2$	$1.7(2) \cdot 10^{-4}$
$5.30884 \cdot 10^{-1}$	$4.0271(2) \cdot 10^0$	$9.928(5) \cdot 10^1$	$3.30(6) \cdot 10^3$	$1.250(1) \cdot 10^0$	$7.26(7) \cdot 10^1$	$2(1) \cdot 10^{-8}$
$5.95662 \cdot 10^{-1}$	$2.9286(2) \cdot 10^0$	$8.432(5) \cdot 10^1$	$3.13(5) \cdot 10^3$	$4.189(8) \cdot 10^{-1}$	$1.20(2) \cdot 10^1$	$8(5) \cdot 10^{-9}$
$6.68344 \cdot 10^{-1}$	$1.8964(2) \cdot 10^0$	$6.591(4) \cdot 10^1$	$2.87(4) \cdot 10^3$	$7.60(4) \cdot 10^{-2}$	$-1.05(9) \cdot 10^{-1}$	$6(6) \cdot 10^{-5}$
$7.49894 \cdot 10^{-1}$	$9.681(1) \cdot 10^{-1}$	$4.451(4) \cdot 10^1$	$2.26(3) \cdot 10^3$	$5(2) \cdot 10^{-10}$	$-1.8(2) \cdot 10^{-8}$	0
$8.41395 \cdot 10^{-1}$	$2.4135(7) \cdot 10^{-1}$	$2.025(3) \cdot 10^1$	$1.41(2) \cdot 10^3$	0	$2(2) \cdot 10^0$	0
$9.44061 \cdot 10^{-1}$	0	$4.98(7) \cdot 10^{-3}$	$1.7(1) \cdot 10^0$	0	0	0

Table 16: Perturbative coefficients for the SIScone jet rates (continued).